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(54) **Title**: ZERO-TYPE SYSTEM AND METHOD FOR CAPTURING MEDICAL RECORDS AND PROVIDING PRESCRIPTIONS

(57) **Abstract**: A zero-type system for capturing medical records and providing prescriptions, said system comprising: at least a pre-defined set of pre-configured clinical and / or medical terminology stored in databases; at least a pre-defined set of pre- configured templates stored in databases, characterised in that, said templates comprising multiple templates corresponding to various aspects of a doctor-patient visit, and said templates correlating with said pre-configured clinical and / or medical terminology; characterised in that, said pre-defmed set of pre-configured templates and said pre-defmed set of pre-configured clinical and / or medical terminology being correlated in a hierarchical manner to move from one touch based response to another through said multiple templates by selecting said clinical and / or medical terminology, thereby recording data through said multiple templates in a zero-type manner.

ZERO-TYPE SYSTEM AND METHOD FOR CAPTURING MEDICALRECORDS AND PROVIDING PRESCRIPTIONS

Field of the Invention

This invention relates to the field of information systems, computational systems, databases, and networking systems, and communication systems.

Particularly, this invention relates to the field of healthcare information, healthcare technology, healthcare management, practice management, clinical management, electronic medical records, electronic health records, medical charting, record keeping and care co-ordination systems.

Specifically, this invention relates to a zero-type system and method for capturing medical records and providing prescriptions.

Background of the Invention

Medical practice entails activities in relation to health and body, surgical procedures, examination procedures, diagnostic procedures, prognosis procedures, and the like activities. Qualified medical professional are equipped to deal with various facets of medical practice; in relation to the academic qualification that they have reached, in relation to the professional experience that they have gained.

The terms medical record, health record, and medical chart are used somewhat interchangeably to describe the systematic documentation of a single patient's medical history and care across time within one particular health care provider and also with multiple health care providers.

Medical records comprise variety of notes and data relating to client-patient interaction. This comprises diagnosis data, medical history data, signs and symptoms data, reports' data, test results' data, drugs and medication data, prognosis data, visit notes, insurance data, demographics, health histories, and the like. The maintenance of complete and accurate medical records is essential for the doctor as well as the patient from a medical perspective as well from a legal perspective.

Further, patient management software (PMS) is referred to as software that is regulated as a medical device. It is a system that is used to acquire medical information from a medical device to be used in the treatment or diagnosis of a patient. It can also be used as an aid to supplement the judgement and decision of a doctor.

The types of personal health information that can be included may be as follows:

- Name, birth date, blood type, and emergency contact
- Date of last physical
- Dates and results of tests and screenings
- Major illnesses and surgeries, with dates
- A list of medicines, dosages and how long they are being taken
- Any allergies
- Any chronic diseases
- Any history of illnesses in your family

In an endeavor to promote paperless activities, legislations are now being passed. There are legislations in various parts of the world. One sector specific legislation in USA, is the HITECH Act, 2009. In USA, the Health Information Technology

for Economic and Clinical Health Act, abbreviated HITECH Act, 2009, is aimed to promote and expand the adoption of health information technology. Its further aim is to create a nationwide network of electronic health records.

In order to conserve paper for a greener earth, electronic records have assumed great significance in today's world. The healthcare ecosystem, hence, warrants use of paperless systems and methods which provide for medical records as well as for practice management / clinical management.

Tablet computational devices along with smart phone or PDAs are omnipresent and this technology has seeped everyday life. It is important to leverage the ease and use of this technology in the healthcare ecosystem, too. Decreasing costs and increasing user acceptance are the key drivers of acceptance of this technology in everyday lives.

The term, 'healthcare ecosystem', or 'healthcare', generically refers to various personnel such as doctors, general practitioners, surgeons, specialist doctors, specialist surgeons, dentists, specialist dentists, physiotherapists, therapists, nurses, paramedical staff, nodes, systems, points of care, hospitals, clinics, dispensaries, nursing homes, imaging labs, diagnostic centres, test labs, testing labs, rehabilitation centres, operating rooms, recuperating centres, examination centres, chemists, pharmacies, ambulances, emergency units, and the like care-giving environments, and even insurance related practitioners and systems.

There is a paper trail in medical practice which is cumbersome to doctors, to patients; to the entire healthcare ecosystem. The paper trail is a deterrent for portability of information from one node of a healthcare environment to another.

There needs to be coherence or collaboration for seamless access of data per patient.

Electronic Medical Record refers to storing medical record in an electronic format as opposed to a paper format, which is widely practiced. The limitations of the paper format are its security, its portability, is universality.

In at least a first context, clinical management systems and method involve examination.

In medical parlance, and for the purposes of this specification, an 'examination' is a physical examination, a medical examination, or a clinical examination which generally relates to a process by which a medical professional investigates the body of a patient for signs of disease. It generally follows the taking of the medical history — an account of the symptoms as experienced by the patient. Together with the medical history, the physical examination aids in determining the correct diagnosis and devising the treatment plan. This data then becomes part of the medical record. Medical examination can be conducted by qualified practitioners. A qualified practitioner might be a physician, dentist, nurse practitioner, pharmacist, psychologist, lab technician, radiologist, or other health care providers.

In its electronic format, it is necessary to have an intelligent system and method which provides for an electronic template for recording examinations. Examinations, during a patient – doctor interaction, need to be intuitive, learn doctor behaviour, and relegate the need to type, thereby providing a relatively faster examination recording mechanism.

In at least a second context, clinical management systems and method involve diagnoses.

'Diagnosis' is the identification of the nature and cause of a certain phenomenon. Diagnosis is used in many different disciplines with variations in the use of logics, analytics, and experience to determine "cause and effect". In medial parlance, 'diagnosis' refers to both the process of attempting to determine or identify a possible disease or disorder and to the opinion reached by this process. Medical diagnosis or the actual process of making a diagnosis is a cognitive process. A clinician uses several sources of data and puts the pieces of the puzzle together to make a diagnostic impression

In its electronic format, there is a need to have a record of items which aid diagnosis; the record of items being selected from examinations (vital and physical), tests and results, past data, prevalent viruses or epidemics, or the like data.

In at least a third context, clinical management systems and method involve tests and results.

'Tests' and 'results' aid in confirming visual and physical diagnosis for a doctor. In its electronic format, tests and results data need to be seamlessly available while treating a patient and need to be stored in an appropriate or pre-defined manner. These tests and results are records stored in correlation with diagnosis, patient health, prognosis, patient type, geo-location, and the like parameters.

In its electronic format, it is necessary to have a format for tests and results which aid documenting data pertaining to tests and results. The electronic format needs to be intuitive with a host of pre-fed data in order to make documentation easier and in lesser number of gestures / actions.

In at least a fourth context, clinical management systems and method involve prescription of medication.

A 'prescription' generally relates to orders to be performed by a patient, caretaker, nurse, pharmacist, physician, other therapist, or by automated equipment. These orders are, typically, given by qualified practitioners. A qualified practitioner might be a physician, dentist, nurse practitioner, pharmacist, psychologist, or other health care providers. Formerly, prescriptions often included detailed instructions regarding compounding of medications. Typically, prescription comprises medicine(s) name, directions relating to the medicine(s), dosages with intervals to take the medicine(s), route of using the medicine(s), duration to take the medicine(s), remarks pertaining to medicine(s), and the like.

In its electronic format, it is necessary to have an intelligent system and method which provides for an electronic prescription during a patient – doctor interaction, which electronic prescription is intuitive, learns doctor behaviour, and relegates the need to type, thereby providing a relatively faster prescription mechanism.

In at least a fifth context, clinical management systems and method involve treatment plan(s). A treatment plan includes steps beyond prescriptions. This includes further tests and results along with referrals or recommendations and further procedures, if any.

'Treatment plans' are road maps that a patient will follow on his or her journey through treatment. Treatment goals and objectives are based on the most recent diagnostic assessment. Specific strategies and methods for treating need to be identified by the diagnostic assessment. Schedule for accomplishing goals and objectives need to be documented. Responsibility for providing each treatment component is stated, recorded, and followed. Health status and progress, including changes in functioning are to be documented.

In its electronic format, there is a need to have a documented version of treatment plans. This treatment plan is in correlation with diagnosis and acts as a feedback mechanism along with milestones. In its electronic format, it is necessary to have an intelligent system and method which provides for an electronic treatment plan recording system for a patient – doctor interaction, which electronic treatment plan recording system is intuitive, learns doctor behaviour, and relegates the need to type, thereby providing a relatively faster treatment plan recording system mechanism.

In at least a sixth context, clinical management systems and method involve prognoses.

Technically, 'prognosis' is a medical term for predicting the likely outcome of one's current standing. Medically, 'prognosis' relates to the prospect of recovery as anticipated from the usual course of disease or peculiarities of the case. A complete prognosis includes the expected duration, the function, and a description of the course of the disease, such as progressive decline, intermittent crisis, or sudden, unpredictable crisis.

In its electronic format, it is imperative to record date stamped and / or time stamped patient condition, further to treatment. This aids in verifying whether the diagnosis was correct and whether the treatment plan is being followed. A feedback can be provided based on this data. Hence, it is necessary to have an intelligent system and method which provides for an electronic prognosis recording system for a patient – doctor interaction, which prognosis recording system is intuitive, learns doctor behaviour, and relegates the need to type, thereby providing a relatively faster prognosis recording mechanism.

Objects of the Invention:

An object of the invention is to provide a system and method for electronic medical and health records.

Another object of the invention is to provide a system and method which aids in creating records for a doctor or a medical practitioner, in a zero-type manner.

Another object of the invention is to provide a system and method for electronic medical and health records which provides for practice management / clinical management.

Yet another object of the invention is to provide a system and method to improve health care quality.

Still another object of the invention is to provide a system and method for recording a facet of patient – doctor interaction / visit.

An additional object of the invention is to provide a system and method for providing a touch based or click based or gesture based prescription mechanism.

Yet an additional object of the invention is to provide a system and method for partially automating prescription rendering during a patient – doctor interaction / visit.

Still an additional object of the invention is to provide an authenticated and secure mechanism to ensure data portability.

Another additional object of the invention is to provide a universally accessible electronic medical record system.

Yet another additional object of the invention is to provide a universally accessible electronic medical record system in compliance with stringent defined regulations.

Still another additional object of the invention is to provide statistical data relating to usage of medicines.

Yet another object of the invention is to provide ease of use in prescribing a medicine or a list of medicines using a computational device.

Still another object of the invention is to provide a suggesting mechanism which works in relation to medicine prescription.

Still another object of the invention is to provide a system and method for recording an examination proceeding of patient – doctor interaction / visit.

An additional object of the invention is to provide a system and method for providing a touch based or click based or gesture based medical examination recording mechanism.

Yet an additional object of the invention is to provide a system and method for partially automating recording of examination steps rendered during a patient – doctor interaction / visit.

Another additional object of the invention is to provide a universally accessible electronic medical record system and examination recording system and method.

Yet another additional object of the invention is to provide a universally accessible electronic medical record system and examination recording system and method in compliance with stringent defined regulations.

Still another additional object of the invention is to provide statistical data relating to examinations and illnesses.

Still another additional object of the invention is to provide statistical data relating to examinations and symptoms.

Still another additional object of the invention is to provide statistical data relating to examinations and signs.

Yet another object of the invention is to provide ease of use in recording examination proceedings during a patient – doctor interaction, using a computational device.

Still another object of the invention is to provide a hierarchical template which allows for step-wise recording of examination readings for a body part.

Still another object of the invention is to provide a hierarchical template which allows for step-wise recording of examination readings for an illness.

An additional object of the invention is to provide a system and method which builds semantic correlation between body parts and symptoms, in a step-wise manner, in order to identify an illness.

Still another object of the invention is to provide a system and method for recording a diagnostic proceeding of patient – doctor interaction / visit.

An additional object of the invention is to provide a system and method for providing a touch based or click based or gesture based medical diagnostic proceeding recording mechanism.

Yet an additional object of the invention is to provide a system and method for partially automating recording of diagnosis steps rendered during a patient – doctor interaction / visit.

Another additional object of the invention is to provide a universally accessible electronic medical record system and diagnosis recording system and method.

Yet another additional object of the invention is to provide a universally accessible electronic medical record system and diagnosis recording system and method in compliance with stringent defined regulations.

Still another additional object of the invention is to provide statistical data relating to diagnoses.

Yet another object of the invention is to provide ease of use in diagnosis proceedings during a patient – doctor interaction, using a computational device.

Still another object of the invention is to provide a hierarchical template which allows for step-wise recording of diagnosis readings for a body part.

Still another object of the invention is to provide a hierarchical template which allows for step-wise recording of diagnosis readings for an illness.

Still another object of the invention is to provide a system and method for recording tests and results' data of a patient.

An additional object of the invention is to provide a system and method for providing a touch based or click based or gesture based recording mechanism for tests and results' data of a patient.

Yet an additional object of the invention is to provide a system and method for automating recording of test and results' data rendered during a patient – doctor interaction / visit.

Another additional object of the invention is to provide a universally accessible electronic medical record system and tests and results' recording system and method.

Yet another additional object of the invention is to provide a universally accessible electronic medical record system and tests and results' recording system and method in compliance with stringent defined regulations.

Still another additional object of the invention is to provide statistical data relating to tests and results.

Yet another object of the invention is to provide ease of use in tests and results' data recording during a patient – doctor interaction, using a computational device.

Still another object of the invention is to provide a hierarchical template which allows for step-wise recording of tests and results' data readings for a body part.

Still another object of the invention is to provide a hierarchical template which allows for step-wise recording of tests and results' data readings for an illness.

An additional object of the invention is to provide a system and method which is easy to use and understand for doctors as well as for patients, thereby increasing user adaptability.

Still another object of the invention is to provide a system and method for recording treatment plan(s) of a patient.

An additional object of the invention is to provide a system and method for providing a touch based or click based or gesture based recording mechanism for treatment plan(s) of a patient.

Yet an additional object of the invention is to provide a system and method for partially automating treatment plan(s) recordal during a patient – doctor interaction / visit.

Still another additional object of the invention is to provide data relating to pre-defined milestones in treatment plan(s) which are recorded / defined.

Yet another object of the invention is to provide ease of use in recording treatment plan(s) using a computational device.

Still another object of the invention is to provide a system and method for recording a prognostic proceeding of patient – doctor interaction / visit.

An additional object of the invention is to provide a system and method for providing a touch based or click based or gesture based medical prognostic proceeding recording mechanism.

Yet an additional object of the invention is to provide a system and method for partially automating recording of prognosis steps rendered during a patient – doctor interaction / visit.

Another additional object of the invention is to provide a universally accessible electronic medical record system and prognosis recording system and method.

Yet another additional object of the invention is to provide a universally accessible electronic medical record system and prognosis recording system and method in compliance with stringent defined regulations.

Still another additional object of the invention is to provide statistical data relating to prognoses.

Yet another object of the invention is to provide ease of use in prognosis proceedings during a patient – doctor interaction, using a computational device.

Still another object of the invention is to provide a hierarchical template which allows for step-wise recording of prognosis readings for a body part.

Still another object of the invention is to provide a hierarchical template which allows for step-wise recording of prognosis readings for an illness.

Summary of the Invention:

According to this invention, there is provided a zero-type system for capturing medical records and providing prescriptions, said system comprises:

- at least a pre-defined set of pre-configured clinical and / or medical terminology stored in databases;
- at least a pre-defined set of pre-configured templates stored in databases, characterised in that, said templates comprising multiple templates corresponding to various aspects of a doctor-patient visit, and said templates correlating with said pre-configured clinical and / or medical terminology;

characterised in that,

- said pre-defined set of pre-configured templates and said pre-defined set of pre-configured clinical and / or medical terminology being correlated in a hierarchical manner to move from one touch based response to another through said multiple templates by selecting said clinical and / or medical terminology, thereby recording data through said multiple templates in a zero-type manner.

Typically, said pre-defined set of pre-configured templates comprises:

- at least a first template corresponding at least to examination procedures;
- at least a second template corresponding at least to diagnosis;
- at least a third template corresponding at least to tests and results;
- at least a fourth template corresponding at least to prescriptions;
- at least a fifth template corresponding at least to treatment plans; and
- at least a sixth template corresponding at least to prognosis.

Typically, said pre-defined set of pre-configured clinical and / or medical terminology comprises:

- at least a first set of terminologies correlating with at least a first template corresponding at least to examination procedures,

- at least a second set of terminologies correlating with at least a second template corresponding at least to diagnosis;
- at least a third set of terminologies correlating with at least a third template corresponding at least to tests and results;
- at least a fourth set of terminologies correlating with at least a fourth template corresponding at least to prescriptions;
- at least a fifth set of terminologies correlating with at least a fifth template corresponding at least to treatment plans; and
- at least a sixth set of terminologies correlating with at least a sixth template corresponding at least to prognosis.

Typically, said pre-defined set of pre-configured clinical and / or medical terminology is a specialty-specific pre-defined set of pre-configured clinical and / or medical terminology.

Typically, said pre-defined set of pre-configured clinical and / or medical terminology further is correlated with at least a frequency response mechanism configured to compute frequency of use of each terminology and to prompt relatively more frequently used terminologies earlier or more promptly than others.

Typically, said pre-defined set of pre-configured clinical and / or medical terminology further is correlated with at least a frequency response mechanism configured to compute frequency of use of each terminology in correlation with context and use this correlative context to prompt relatively more frequently used terminologies earlier or more promptly than others, in correlation to the context at hand.

Typically, said pre-defined set of pre-configured templates stored in databases being correlated with an auto-population mechanism is configured to auto-populate templates to a certain degree based on pre-defined parameters.

Typically, said pre-defined set of pre-configured templates stored in databases is correlated with an auto-population mechanism configured to auto-populate templates to a certain degree based on pre-defined parameters, characterised in that, said auto-populate mechanism being configured to auto-populate fields in a template, said pre-defined parameters comprising order of data across said templates and / or order of said templates.

Typically, said system comprises a correlative mechanism configured to correlate order of input of said clinical and / or medical terminologies across said templates in order to pre-empt or auto-populate input of successive clinical and / or medical terminologies across said templates based on preceding clinical and / or medical terminologies across said templates as defined by the correlative mechanism.

Typically, said system comprises a correlative mechanism configured to correlate order of input across said templates in order to pull a successive template based on a preceding template and data from said correlative mechanism.

Typically, said system comprises at least a speech to text mechanism configured to convert speech to text, thereby enabling doctors in their clinical documentation and also to navigate through the various steps of a patient management flow.

Typically, said pre-defined set of pre-configured templates comprises:

- at least a first set of templates relating to examination templates and a first set of clinical and / or medical terminologies, correlating to examination procedures, characterised in that, said system further comprising:
- at least a body parts' database adapted to comprise a list of body parts;
- at least a body parts' field linked with said body parts' database, listing of said body parts being provided in a touch-based selectable manner;
- at least an illnesses' database adapted to comprise a list of illnesses;
- at least an illnesses' field which lists illnesses, at least an illness being selected in a touch-based selectable manner.

Typically, said system comprises:
- at least a plurality of sets of databases, each at least a successive database being linked with at least a preceding database in a hierarchical top down manner, thereby forming a one-is-to-many correlation for every item in a preceding database in relation to a list of items in a successive database, said databases comprising:
- at least a preceding set of databases relating to a preceding set of items relating to preceding level of examination findings or reports that populate a preceding set of fields, said items being selectable in a touch-based manner;
- at least a successive set of databases relating to a successive set of items relating to successive level of examination findings or reports that populate a successive set of fields, said items being selectable in a touch-based manner; and
- at least a relationship establishing mechanism adapted to establish a relationship between an item of a successive database to an item of a preceding database.

Typically, said pre-defined set of pre-configured templates comprises:

- at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said system further comprising:
- at least a symptoms' database adapted to host a list of symptoms;
- at least a body parts' database linked to said at least a symptoms' database, said body part being listed in a touch-based selectable manner;
- at least a symptoms' field which lists symptoms in a touch-based selectable manner, said symptoms' field linked with said at least a symptoms' database.

Typically, said pre-defined set of pre-configured templates comprises:

- at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said system further comprising:
- at least a signs' database adapted to host a list of signs;
- at least a body parts' database linked to said at least a signs' database, said body part being listed in a touch-based selectable manner;
- at least a signs' field which lists signs in a touch-based selectable manner, said signs' field linked with said at least a signs' database.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said system further comprising:
- at least an aggregation engine adapted to aggregate signs, symptoms, and results of examination proceedings in order to provide an aggregated view of said aggregated data to a doctor; and

- at least a diagnosis recording mechanism adapted to record a diagnosis for a doctor-patient encounter based on aggregated view of aggregated data.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said system further comprising:
- at least a tests' database adapted to host a list of tests that can be prescribed to a patient, said tests being linked to body parts from at least a body parts' database;
- at least a tests' field corresponding to said at least a tests' database, said test being listed in a touch-based selectable manner.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said system further comprising:
- at least an image uploading mechanism adapted to upload images in relation to tests performed.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said system further comprising:
- at least a results' uploading mechanism adapted to upload results in relation to tests prescribed.

Typically, said pre-defined set of pre-configured templates comprises:

- at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said system further comprising:
- at least a definition mechanism adapted to define units, ranges, and test related parameters in order to provide normal results' data alongside actual results' data that is fed to the results' uploading mechanism.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least an illnesses' database adapted to comprise a list of illnesses provided in a touch based selectable manner;
- at least a first populating mechanism configured to be activated in response to a touch selectable illness in order to prompt further actions or populate further fields.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least an illnesses' database adapted to comprise a list of illnesses provided in a touch based selectable manner;
- at least a medicines' database adapted to comprise a list of medicines provided in a touch based selectable manner;
- at least a correlation mechanism configured to correlate illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine from

said at least a medicines' database in response to a selected illness from said at least an illnesses' database.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least an illnesses' database adapted to comprise a list of illnesses provided in a touch based selectable manner;
- at least a medicines' database adapted to comprise a list of medicines provided in a touch based selectable manner;
- at least a correlation mechanism configured to correlate illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine from said at least a medicines' database in response to a selected illness from said at least an illnesses' database;
- at least an auto-suggest mechanism configured to pop up or suggest medicines starting with inserted letters and similar or same medicines;
- at least a second populating mechanism configured to prompt further actions or populate further fields.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least an illnesses' database adapted to comprise a list of illnesses provided in a touch based selectable manner;

- at least a medicines' database adapted to comprise a list of medicines provided in a touch based selectable manner;
- at least a correlation mechanism configured to correlate illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine from said at least a medicines' database in response to a selected illness from said at least an illnesses' database;
- at least an auto-suggest mechanism configured to pop up or suggest medicines starting with inserted letters and similar or same medicines;
- at least a second populating mechanism configured to prompt further actions or populate further fields,

further, characterised in that, said auto-suggest mechanism being configured to populate fields relating to at least a symptoms' field correlative to at least a symptoms' database, at least a history of present illness field correlative to at least a, at least a basic clinical history field correlative to at least a history of present illness database, at least a signs' field correlative to at least a signs' database, and / or its combinations based on a selected illness from said illness database correlative to at least a illness database, basic clinical history field correlative to at least a basic clinical history database.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a directions' database adapted to provide directions in relation to use of each of selected medicine;

- at least a directions' field linked to at least a directions' database which displays directions in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a directions' database in order to populate directions based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a dosages' database adapted to provide dosages in relation to use of each of selected medicine;
- at least a dosages' field adapted to display the dosages in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a dosages' database in order to populate directions based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:

- at least a routes' database adapted to provide routes in relation to use of each of selected medicine;
- at least a routes' field linked to at least a routes' database to display routes in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a routes' database in order to populate routes based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a duration database adapted to provide duration in relation to use of each of selected medicine;
- at least a duration field linked to at least a duration database to display duration in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a duration database in order to populate duration based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a remarks' database adapted to provide duration in relation to use of each of selected medicine;
- at least a remarks' field linked to at least a remarks' database to display remarks in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a remarks' database in order to populate remarks based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a visual indicating mechanism adapted to indicate dosages in relation to intervals of dosages per day;
- at least a visual indicating field linked to said at least a visual indicating mechanism which displays the dosages in terms of intervals per day, in a pre-defined manner, in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a visual indicating mechanism in order to populate indicating dosages based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- first numerical keypad relates to inputs for dosages, in that, it comprises the incorporation of a decimal point and / or numerical bearing values ½, ¼, ¾ useful for tapering of dosages.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a learning mechanism adapted to learn correlations between dosages and illnesses, dosages and symptoms, dosages and items of present illness history, dosages and items of basic clinical history, and its combinations, said learning mechanism being intelligently coupled with at least a first populating mechanism and at least a second populating mechanism in order to provide for auto-suggestion based on a selected medicine or based on a selected illness or based on a selected combination of medicine and illness.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a counter mechanism adapted to count frequency of use of medicine in relation to various parameters, said frequency of use of medicine adapted to be

correlated with data from at least a learning mechanism in order to said system to learn medicine count relating to various factors of use per doctor or per patient or per patient-doctor interaction.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a weight assigning mechanism adapted to assign pre-defined weights for a medicine in relation to pre-defined parameters.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a unique identifier generator adapted to generate a unique identifier, per patient, said unique identifier generator being is linked to a unique identifier database tagged correspondingly with patient identity, referring doctor identity, as well as with the prescription module of said system.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a dynamic link generator adapted to dynamically link each generated unique identifier with a medication database in a manner such that medications

prescribed by a doctor are activated and communicably coupled to a unique identifier.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a plurality of nodes for purchasing prescribed medications.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:
- at least a pre-defined order set database adapted to define and store various order sets;
- at least a pre-defined order set field adapted to list order sets in a touch-based selectable manner;
- at least an illnesses' database linked with at least an order set database.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:
- at least an allergies database adapted to store a list of allergies;
- at least an allergies field adapted to list allergies in a touch-based selectable manner;

- at least a medicines' database adapted to be linked with said allergies database in order to indicate and block contraindicating medicines per patient allergy.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:
- at least a procedures database adapted to store a list of procedures adapted to be prescribed to a patient;
- at least a procedures field adapted to list procedures, in a touch based selectable manner.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:
- at least a referrals database adapted to store a list of referrals that can be prescribed to a patient;
- at least a referrals field linked with said at least a referrals database adapted to list referrals in a touch based selectable manner.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:
- at least a recommendations field adapted to allow input of recommendations, per patient, in a touch based selectable manner.

Typically, said pre-defined set of pre-configured templates comprises:
- at least a sixth set of templates relating to prognosis templates and a sixth set of clinical and / or medical terminologies, correlating to prognosis, characterised in that, said system further comprising:
- at least an update mechanism adapted to update a first set of databases in order to store resumption of normalcy or progress of patient;
further characterised in that, said update mechanism being configured to define prognosis in accordance with a time-stamped and date-stamped manner.

According to this invention, there is also provided a computing device, comprising:
- a touch screen display;
- one or more processors;
- memory; and
- one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the one or more programs including:
- instructions for detecting one or more finger contacts with the touch screen display;
- instructions for applying one or more heuristics to the one or more finger contacts to determine a command for the device; and
- instructions for processing the command;
- wherein the one or more heuristics comprise:
- a first item to be selected from a first template in response to touch, said first item and said first template correlating to examination procedures;

- a second item to be selected from a second template in response to touch, said second item and said first template correlating to diagnosis;
- a third item to be selected from a third template in response to touch, said third item and said first template correlating to tests and results;
- a fourth item to be selected from a fourth template in response to touch, said fourth item and said first template correlating to prescriptions;
- a fifth item to be selected from a fifth template in response to touch, said fifth item and said first template correlating to treatment plans; and
- a sixth item to be selected from a sixth template in response to touch, said sixth item and said first template correlating to prognosis;

characterised in that said items being correlated in a hierarchical manner to move from one touch based response to another through said multiple templates by selecting said clinical and / or medical terminology, thereby recording data through said multiple templates in a zero-type manner

According to this invention, there is further also provided a zero-type method for capturing medical records and providing prescriptions, said method comprises the steps of:

- storing at least a pre-defined set of pre-configured clinical and / or medical terminology;
- storing at least a pre-defined set of pre-configured templates, characterised in that, said templates comprising multiple templates corresponding to various aspects of a doctor-patient visit, and said templates correlating with said pre-configured clinical and / or medical terminology;

characterised in that,

- said pre-defined set of pre-configured templates and said pre-defined set of pre-configured clinical and / or medical terminology being correlated in a hierarchical manner to move from one touch based response to another through said multiple templates by selecting said clinical and / or medical terminology, thereby recording data through said multiple templates in a zero-type manner.

Typically, said pre-defined set of pre-configured templates comprises:
- providing at least a first template corresponding at least to examination procedures;
- providing at least a second template corresponding at least to diagnosis;
- providing at least a third template corresponding at least to tests and results;
- providing at least a fourth template corresponding at least to prescriptions;
- providing at least a fifth template corresponding at least to treatment plans; and
- providing at least a sixth template corresponding at least to prognosis.

Typically, said pre-defined set of pre-configured clinical and / or medical terminology, said method comprises the steps of:
- providing at least a first set of terminologies correlating with at least a first template corresponding at least to examination procedures,
- providing at least a second set of terminologies correlating with at least a second template corresponding at least to diagnosis;
- providing at least a third set of terminologies correlating with at least a third template corresponding at least to tests and results;
- providing at least a fourth set of terminologies correlating with at least a fourth template corresponding at least to prescriptions;
- providing at least a fifth set of terminologies correlating with at least a fifth template corresponding at least to treatment plans; and

- providing at least a sixth set of terminologies correlating with at least a sixth template corresponding at least to prognosis.

Typically, said pre-defined set of pre-configured clinical and / or medical terminology is a specialty-specific pre-defined set of pre-configured clinical and / or medical terminology.

Typically, said pre-defined set of pre-configured clinical and / or medical terminology further is correlated with at least a frequency response mechanism configured to compute frequency of use of each terminology and to prompt relatively more frequently used terminologies earlier or more promptly than others.

Typically, said step of providing at least a pre-defined set of pre-configured clinical and / or medical terminology further comprises a further step of computing frequency of use of each terminology in correlation with context and use this correlative context to prompt relatively more frequently used terminologies earlier or more promptly than others, in correlation to the context at hand.

Typically, said step of providing at least a pre-defined set of pre-configured templates stored in databases further comprises a further step of auto-populating templates to a certain degree based on pre-defined parameters.

Typically, said pre-defined set of pre-configured templates stored in databases is correlated with a step of auto-population configured to auto-populate templates to a certain degree based on pre-defined parameters, characterised in that, said step of auto-population being configured to auto-populate fields in a template, said pre-

defined parameters comprising order of data across said templates and / or order of said templates.

Typically, said method comprises a step of correlating order of input of said clinical and / or medical terminologies across said templates in order to pre-empt or auto-populate input of successive clinical and / or medical terminologies across said templates based on preceding clinical and / or medical terminologies across said templates as defined by the correlative mechanism.

Typically, said method comprises a step of correlating order of input across said templates in order to pull a successive template based on a preceding template and data from said correlative mechanism.

Typically, said method comprises a step of converting speech to text, thereby enabling doctors in their clinical documentation and also to navigate through the various steps of a patient management flow.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a first set of templates relating to examination templates and a first set of clinical and / or medical terminologies, correlating to examination procedures, characterised in that, said method further comprising the steps of:
- providing a list of body parts;
- listing said body parts being provided in a touch-based selectable manner;
- providing a list of illnesses;
- selecting at least an illness in a touch-based selectable manner.

Typically, said method comprises the steps of:

- linking each at least a successive database with at least a preceding database in a hierarchical top down manner, thereby forming a one-is-to-many correlation for every item in a preceding database in relation to a list of items in a successive database, said databases comprising:
- providing at least a preceding set of databases relating to a preceding set of items relating to preceding level of examination findings or reports that populate a preceding set of fields, said items being selectable in a touch-based manner;
- providing at least a successive set of databases relating to a successive set of items relating to successive level of examination findings or reports that populate a successive set of fields, said items being selectable in a touch-based manner; and
- establishing a relationship between an item of a successive database to an item of a preceding database.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said method further comprising the steps of:
- hosting a list of symptoms;
- listing said body parts in a touch-based selectable manner;
- listing symptoms in a touch-based selectable manner, said symptoms' field linked with said at least a symptoms' database.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said method further comprising the steps of:
- hosting a list of signs;

- linking body parts' database to signs', said body part being listed in a touch-based selectable manner;
- providing at least a signs' field which lists signs in a touch-based selectable manner, said signs' field linked with said at least a signs' database.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said method further comprising the steps of:
- aggregating signs, symptoms, and results of examination proceedings in order to provide an aggregated view of said aggregated data to a doctor; and
- recording a diagnosis for a doctor-patient encounter based on aggregated view of aggregated data.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said method further comprising the steps of:
- hosting a list of tests that can be prescribed to a patient, said tests being linked to body parts from at least a body parts' database;
- providing at least a tests' field corresponding to a list of tests, said test being listed in a touch-based selectable manner.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said method further comprising a step of:

- uploading upload images in relation to tests performed.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said method further comprising a step of:
- uploading results in relation to tests prescribed.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said method further comprising a step of:
- defining units, ranges, and test related parameters in order to provide normal results' data alongside actual results' data that is fed to the results' uploading mechanism.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- providing a list of illnesses provided in a touch based selectable manner;
- activating, in response to a touch, a selectable illness in order to prompt further actions or populate further fields.

Typically, said pre-defined set of pre-configured templates comprises the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- storing a list of illnesses provided in a touch based selectable manner;
- storing a list of medicines provided in a touch based selectable manner;
- correlating illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine in response to a selected illness.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- storing a list of illnesses provided in a touch based selectable manner;
- storing a list of medicines provided in a touch based selectable manner;
- correlating illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine in response to a selected illness;
- popping up or suggesting medicines starting with inserted letters and similar or same medicines;
- prompting further actions or populate further fields.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- storing a list of illnesses provided in a touch based selectable manner;
- storing a list of medicines provided in a touch based selectable manner;

- correlating at least an illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine from said at least a medicines' database in response to a selected illness from said at least an illnesses' database;
- popping up or suggesting medicines starting with inserted letters and similar or same medicines;
- prompting further actions or populating further fields,

further, characterised in that, said step of prompting further actions of further fields being configured to populate fields relating to at least a symptoms' field correlative to at least a symptoms' database, at least a history of present illness field correlative to at least a, at least a basic clinical history field correlative to at least a history of present illness database, at least a signs' field correlative to at least a signs' database, and / or its combinations based on a selected illness from said illness database correlative to at least a illness database, basic clinical history field correlative to at least a basic clinical history database.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- providing directions in relation to use of each of selected medicine;
- linking at least a directions' field to provided directions which displays directions in a touch based selectable manner;
- correlating directions' and populating directions based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- storing dosages in relation to use of each of selected medicine;
- displaying the dosages in a touch based selectable manner;
- correlating dosages in order to populate directions based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- providing routes in relation to use of each of selected medicine;
- displaying routes in a touch based selectable manner;
- correlating routes' in order to populate routes based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- providing duration in relation to use of each of selected medicine;

- displaying duration in a touch based selectable manner;
- correlating at least a duration in order to populate duration based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- providing duration in relation to use of each of selected medicine;
- displaying remarks in a touch based selectable manner;
- correlating with said at least a remark in order to populate remarks based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- indicating dosages in relation to intervals of dosages per day;
- displaying the dosages in terms of intervals per day, in a pre-defined manner, in a touch based selectable manner;
- correlating indicated dosages in order to populate indicating dosages based on pre-defined logic or in correlation with a symptom from a symptoms' database or

in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:
- providing a first numerical keypad relates to inputs for dosages, in that, it comprises the incorporation of a decimal point and / or numerical bearing values ½, ¼, ¾ useful for tapering of dosages.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:
- learning correlations between dosages and illnesses, dosages and symptoms, dosages and items of present illness history, dosages and items of basic clinical history, and its combinations, said learning mechanism being intelligently coupled with at least a first populating mechanism and at least a second populating mechanism in order to provide for auto-suggestion based on a selected medicine or based on a selected illness or based on a selected combination of medicine and illness.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:

- counting frequency of use of medicine in relation to various parameters, said frequency of use of medicine adapted to be correlated with data from at least a learning mechanism in order to learn medicine count relating to various factors of use per doctor or per patient or per patient-doctor interaction.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:
- assigning pre-defined weights for a medicine in relation to pre-defined parameters.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:
- generating a unique identifier, per patient, said unique identifier generator being is linked to a unique identifier database tagged correspondingly with patient identity, referring doctor identity, as well as with the prescription module of said method.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:

- dynamically linking each generated unique identifier with a medication database in a manner such that medications prescribed by a doctor are activated and communicably coupled to a unique identifier.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:
- providing at least a plurality of nodes for purchasing prescribed medications.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising the steps of:
- defining and storing various order sets;
- listing order sets in a touch-based selectable manner;
- linking illnesses with at least an order set database.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising the steps of:
- storing a list of allergies;
- listing allergies in a touch-based selectable manner;
- linking medicines with said allergies database in order to indicate and block contraindicating medicines per patient allergy.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising the steps of:
- storing a list of procedures adapted to be prescribed to a patient;
- providing at least a procedures field adapted to list procedures, in a touch based selectable manner.

Typically, said pre-defined set of pre-configured templates comprises:
- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising the steps of:
- storing a list of referrals that can be prescribed to a patient;
- providing at least a referrals field linked with referrals in a touch based selectable manner.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising a step of:
- providing at least a recommendations field adapted to allow input of recommendations, per patient, in a touch based selectable manner.

Typically, said pre-defined set of pre-configured templates comprises the steps of:
- providing at least a sixth set of templates relating to prognosis templates and a sixth set of clinical and / or medical terminologies, correlating to prognosis, characterised in that, said method further comprising a step of:

- updating a first set of databases in order to store resumption of normalcy or progress of patient;

further characterised in that, said updating being configured to define prognosis in accordance with a time-stamped and date-stamped manner.

Brief Description of the Accompanying Drawings:

The invention will now be described in relation to the accompanying drawings, in which:

Figure 1.1 illustrates a schematic block diagram of the system;

Figure 1.2 illustrates a relational model of the databases used in the system;

Figure 1.3 illustrates a wire frame diagram of the system of this invention, enabled on a computational device;

Figure 2.1 illustrates a schematic block diagram of the system;

Figure 2.2 illustrates a wire frame diagram of the system of this invention, enabled on a computational device;

Figure 3.1 illustrates a schematic block diagram of the system;

Figure 3.2 illustrates a wire frame diagram of the system of this invention, enabled on a computational device;

Figure 4.1 illustrates a schematic block diagram of the system;

Figure 4.2 illustrates a wire frame diagram of the system of this invention, enabled on a computational device;

Figure 4.3 illustrates a wire frame diagram of the input mechanism for the system of this invention, enabled on a computational device;

Figure 5.1 illustrates a schematic block diagram of the system;

Figure 5.2 illustrates a wire frame diagram of the system of this invention, enabled on a computational device; and

Figure 6.1 illustrates a schematic block diagram of the system.

Detailed Description of the Accompanying Drawings:

For the purposes of this specification, the term, 'doctor', refers to doctors, dentists, surgeons, physiologists, psychiatrists, medics, medicos, nurses, paramedics, midwifes, hospital staff, insurance personnel, and the like hospital related or healthcare related persons who deal with patients.

According to this invention, there is provided **a zero-type system and method for capturing medical records and providing prescriptions**. An encounter chart typically records and tracks a doctor-patient visit in relation to multiple aspects such as: 1) examination; 2) diagnosis; 3) tests and results; 4) prescription; 5) treatment plan; and 6) prognosis.

In accordance with an embodiment of this invention, there is provided a **pre-defined set of pre-configured clinical and / or medical terminology** stored in databases and used for this system and method. Typically, this set of pre-configured clinical and / or medical terminology is specialty-specific, in that, it enables doctors to obtain access to their terminology set only with a touch based interface, without typing. As per a specialty, doctors have an option of configuring their clinical and / or medical terminology set as per their needs as a part of setting up their practice, thereby ensuring that they are able to further refine or classify or re-classify the available terminology set. This set of pre-configured clinical and / or medical terminology ensures a touch-only based interface. Responsive to touch, specialties may be selected and responsive to selection, clinical and / or medical terminology is populated in corresponding fields, ready to be selected as per doctor's choice and in response to patient's condition. This set of clinical and / or medical terminology is pre-defined across all the steps of a patient management flow; i.e. (i) examinations, (ii) diagnoses, (iii) tests and results, (iv) prescription of medication, (v) treatment plan(s), and (vi) prognoses. Typically, a **frequency response mechanism** computes frequency of use of each terminology and uses the same to prompt relatively more frequently used terminologies earlier or more promptly than others. Additionally, the **frequency response mechanism** computes frequency of use of each terminology in correlation with context and uses this correlative context to prompt relatively more frequently used terminologies earlier or more promptly than others, in correlation to the context at hand. The context may be geography, demographic, diagnosis data, clinical findings or the like. In any case, this improves a touch based experience and provides intelligence in reducing the number of touch responses and makes the system and method easier to use.

In accordance with another embodiment of this invention, there is provided a **pre-defined set of pre-configured templates** stored in databases and used for this system and method. Typically, this set of pre-configured templates is specialty-specific, in that, it provides doctors with a pre-configured flow across all the steps of patient management flow, i.e. (i) examinations, (ii) diagnoses, (iii) tests and results, (iv) prescription of medication, (v) treatment plan(s), and (vi) prognoses. A first portion of these templates are fixed, which first portion is a query portion, and second portion of these templates are dynamic, in that, they are selected from a pre-defined dataset, which second portion is a response portion. Typically, the **pre-defined set of pre-configured templates** correlates with the **pre-defined set of pre-configured clinical and / or medical terminology** so that the terminologies can be used as response inputs. This set of pre-configured templates ensures a touch-only based interface. Responsive to touch, specialties and corresponding templates may be selected and responsive to selection, additional correlative templates may be populated, ready to be used as per doctor's choice and in response to patient's condition. Typically, an **auto-population mechanism** auto-populates templates to a certain degree based on pre-defined parameters such as doctor-specialty configuration, patient-demographic configuration, patient-diagnosis configuration, patient-clinical finding configuration, and the like. The pre-defined set of pre-configured templates is useful in pre-configuring treatment plans via data order set templates and use them when documenting and recommending treatment protocol to patients.

In accordance with yet another embodiment of this invention, there is provided a **speech to text mechanism** configured to convert speech to text. This enables doctors in their clinical documentation and also to navigate through the various steps of a patient management flow.

In at least a first embodiment, there is provided a zero type medical examination recording module. Examination comprises vital signs' and symptoms' examination and physical signs' and symptoms' examination. A first set of templates relating to examination templates and a first set of clinical and / or medical terminologies, correlating to examination procedures, is defined and stored in databases.

Figure 1.1 illustrates a schematic block diagram of the system of this invention.

Figure 1.2 illustrates a relational model of the databases used in the system of this invention.

Figure 1.3 illustrates a wire frame diagram of the system of this invention, enabled on a computational device.

In accordance with an embodiment of this invention, there is provided **a body parts' database (BPD)** adapted to comprise a list of body parts. These body parts, typically, are body parts in relation to illnesses. Typical examples of items in this database comprises items such as chest, leg, kidney, wrist, breast, eye, knee, shoulder, elbow, neck, back, spine, and the like. The body parts' database is linked with a **body parts' field (BPF)** which lists the body parts. The listing of body parts is in a selectable manner such that a user may select the body part by a click based or gesture based or touch based input. A doctor adapted to use the system and method of this invention is able to select a body part from the **body parts' field** which is highlighted, upon selection.

In accordance with an embodiment of this invention, there may be provided an **illnesses' database (ID)** adapted to comprise a list of illnesses. The illnesses' database is linked with an **illnesses' field (IF)** which lists illnesses. A doctor adapted to use the system and method of this invention is able to select an illness from this database which is highlighted, upon selection. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input.

In accordance with another embodiment of this invention, there is provided a **plurality of sets of databases (D1, D2, D3)**; each at least a successive database being linked with at least a preceding database in a hierarchical top down manner. This forms a one-is-to-many correlation for every item in a preceding database in relation to a list of items in a successive database.

In accordance with yet another embodiment of this invention, there is provided a **relationship establishing mechanism (REM)** adapted to establish a relationship between an item of a successive database to an item of a preceding database. Thus, each successive item is activated from a corresponding database and is populated in a corresponding field upon selection of an item of a previous database. Therefore, each item of a preceding database is correlated to populate multiple fields with corresponding multiple items in a successive set of fields by activating a successive database, which population is based on its selection.

In accordance with still another embodiment of this invention, there is provided a **first set of databases (D1)** which relate to a first set of items. The first set of items, typically, relate to first level of examination findings or reports that populate a **first set of fields (F1)**. Typically, these fields are listed in a column format. Once

a body part is selected, a corresponding first database from a first set of databases is activated and fields from the corresponding first database relating to the body part are populated. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input.

In accordance with yet another embodiment of this invention, there is provided a **second set of databases (D2)** which relate to a second set of items. The second set of items for a first set of pre-defined and pre-populated attributes in relation to a correspondingly selected first item from a first set of fields. These second set of items are populated into a **second set of fields (F2)** upon selection of a first corresponding item. Typically, these fields are listed in a column format. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input.

In accordance with yet another embodiment of this invention, there is provided a **third set of databases (D3)** which relate to a third set of items. The third set of items for a second set of pre-defined and pre-populated attributes in relation to a correspondingly selected second item from a second set of fields. These third set of items are populated into a **third set of fields (F3)** upon selection of a second corresponding item. Typically, these fields are listed in a column format. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input.

In accordance with still another embodiment of this invention, multiple such successive databases may be provided depending upon the body part and attributes for examination associated with it.

Typically, selection of a body part from the **body parts' database (BPD)** results in establishing a relationship (using relationship establishing mechanism) by the system to a **first set of databases (D1)** which relate to a first level of examination findings in relation to the body part that has been selected. This first level of examination could be visual examination, physical examination, third part examination, machine related examination, invasive examination, non invasive examination, scanned examination, or the like examination findings.

Typically, selection of a first item from a first set of databases results in showcasing a relevant second database which relate to the first item. This relevance is established by the **relationship establishing mechanism (REM).**

Multiple selections could be made in a set of items from particular field column. These need to be pre-decided in the logic of how many can be or need to be selected.

Typically, an examination recording system comprising recording based on at least the following four parameters (or attributes): 1) inspection; 2) palpation; 3) auscultation; and 4) assessment. The databases of this examination recording system have been built so as to consider at least these four parameters in relation to any body part which is being examined so that a relationship is established in a hierarchical manner so as to construct an examination record. Typically, when a doctor, using the system and method of this invention, selects a body part, using a body parts' field and database, at least all of the four parameters (or attributes) are activated since these are pre-mapped, in a scientific biological sense, per body map. This pre-mapping allows for an intuitive and complete user-experience to

capture the dynamics of examination of the selected body part in a comprehensive and wholesome manner.

Typically, a first set of templates comprises the use of body parts' database (BPD) along with body parts' field (BPF), illnesses database (ID) along with illnesses field (IF), plurality of databases (D1, D2, D3) along with relationship establishing mechanism.

The invention will now be described in relation to a non-limiting exemplary embodiment. During a patient – doctor interaction / visit, a body part item is selected from a body parts' field linked to a body parts' database. The body part, selected by a doctor is 'chest'. The selection of the item, chest, results in a first attribute relationship establishment which results in activating a second relationship-established database which further results in populating a second set of fields from a second database. The doctor selects 'palpations-lumps' from the second set of fields. The selection of the item, palpation-lumps, results in a second attribute relationship establishment which results in activating a third relationship-established database which further results in populating a third set of fields from a third database. The doctor selects 'hard' from the third set of fields. The selection of the item, hard, results in a third attribute relationship establishment which results in activating a fourth relationship-established database which further results in populating a fourth set of fields from a fourth database. The doctor selects 'ill defined' from the fourth set of fields. For different body part, the databases that flow and that are linked may vary in accordance with the attributes that are present and that are selected as and how by the doctor.

In at least a second embodiment, there is provided a zero type diagnosis module. A second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, is defined and stored in databases.

Figure 2.1 illustrates a schematic block diagram of the system of this invention.

Figure 2.2 illustrates a wire frame diagram of the system of this invention, enabled on a computational device.

In accordance with an embodiment of this invention, there is provided a **symptoms' database (SMD)** adapted to host a list of symptoms. These symptoms may be linked to body parts from the body parts' database (BPD). Depending upon a body part that is selected, corresponding symptoms' may be activated and displayed in order to be chosen from. The **symptoms' database (SMF)** is linked with a **symptoms' field (SMF)** which lists symptoms. A doctor adapted to use the system and method of this invention is able to select a symptom from this database which is highlighted, upon selection. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input. Further, the symptoms' database and symptoms' field is linked with a parameter entry field adapted to allow a doctor to enter various pre-defined parameters. These pre-defined parameters may include time duration, time of occurrence, types, conditions, complaints, and the like associated characteristics.

In accordance with another embodiment of this invention, there is provided a **signs' database (SGD)** adapted to host a list of signs. These signs may be linked to body parts from the body parts' database (BPD). Depending upon a body part

that is selected, corresponding signs may be activated and displayed in order to be chosen from. The **signs' database (SGD)** is linked with a **signs' field (SGF)** which lists signs. A doctor adapted to use the system and method of this invention is able to select a sign from this database which is highlighted, upon selection. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input. These pre-defined parameters may include time duration, time of occurrence, types, conditions, complaints, and the like associated characteristics.

In accordance with yet another embodiment of this invention, there is provided an **aggregation engine (AE)** adapted to aggregate signs, symptoms, and results of examination proceedings. An aggregated view of the aggregated data may be provided to a doctor.

In accordance with a **diagnosis recording mechanism (DRM)** adapted to record a diagnosis for a doctor-patient encounter based on aggregated view of aggregated data. The diagnosis is time-stamped, date-stamped, and per doctor-patient encounter (hence, contains doctor's details as well as patient's details). A chronology of previous diagnoses, per patient, may also be viewed.

Typically, a second set of templates comprises the use of symptoms' database (SMD) along with symptoms' field (SMF), signs' database (SGD) along with signs' field (SF), aggregation engine (AE), and diagnosis recording mechanism (DRM).

In at least a third embodiment, there is provided a zero type tests and results module. A third set of templates relating to tests' and results' templates and a third

set of clinical and / or medical terminologies, correlating to tests and results, is defined and stored in databases.

Figure 3.1 illustrates a schematic block diagram of the system of this invention.

Figure 3.2 illustrates a wire frame diagram of the system of this invention, enabled on a computational device.

In accordance with an embodiment of this invention, there is provided a **tests' database (TD)** adapted to host a list of tests that can be prescribed to a patient. These tests may be linked to body parts from the body parts' database (BPD). Depending upon a body part that is selected, corresponding tests may be activated and displayed in order to be chosen from. The **tests' database (TD)** is linked with a **tests' field (TF)** which lists tests. A doctor adapted to use the system and method of this invention is able to select a test from this database which is highlighted, upon selection. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input. Tests may comprise a **header (H)** and corresponding **elements' (E)** format.

In accordance with another embodiment of this invention, there is provided an **image uploading mechanism (IUM)** adapted to upload images in relation to tests performed. Images may be radiology images, X-ray images, CT images, or the like.

In accordance with yet another embodiment of this invention, there is provided a **results' uploading mechanism (RUM)** adapted to upload results in relation to tests prescribed. Typically, the results' uploading mechanism is accessible at

various nodes where tests are conducted. Access to these nodes can be pre-authorised in relation to doctor settings, patient settings, administrator settings, or the like. The tests and results need to be time-stamped and date-stamped in order to keep a chronological record using the system and method of this invention.

In accordance with still another embodiment of this invention, there is provided a **definition mechanism (DM)** adapted to define units, ranges, and the like test related parameters in order to provide normal results' data alongside actual results' data that is fed to the results' uploading mechanism.

Each test that is prescribed is for a doctor-patient encounter and all details relating to the doctor, relating to the patient are to be captured.

Typically, a third set of templates comprises the use of tests' database (TD) along with tests' field (TF), and definition mechanism (DM).

In at least a fourth embodiment, there is provided a zero type prescription module. A fourth set of templates relating to prescription templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, is defined and stored in databases.

Figure 4.1 illustrates a schematic block diagram of the system of this invention.

Figure 4.2 illustrates a wire frame diagram of the system of this invention, enabled on a computational device.

Figure 4.3 illustrates a wire frame diagram of the input mechanism for the system of this invention, enabled on a computational device.

In accordance with an embodiment of this invention, there is provided an **illnesses' database (ID)** adapted to comprise a list of illnesses. A doctor adapted to use the system and method of this invention is able to select an illness from this database. The selection of an illness may activate a **first populating mechanism (PM1)** in order to prompt further actions or populate further fields of activate certain elements of this system and method, which are disclosed, in detail, further.

In accordance with another embodiment of this invention, there is provided a **medicines' database (MD)** adapted to comprise a list of medicines. In at least a first embodiment, each medicine, that is required to be prescribed, can be selected from a drop down list. In at least a second embodiment, each medicine, that is required to be prescribed, can be pre-populated or pre-activated or pre-highlighted, upon selection of an illness from the **illnesses' database (ID)** by means of a **correlation mechanism (CM)** which correlates illnesses to medicines. This correlation is pre-defined. Further, this correlation is learnt by the correlation mechanism using artificial neural network mechanisms and fuzzy logic systems. In at least a third embodiment, each medicine, that is required to be prescribed, can be typed in a search bar. The moment that initial letters are inserted, an **auto-suggest mechanism (ASM)** can pop up or suggest medicines starting with the inserted letters and similar or same medicines, too. The selection of a medicine may activate a **second populating mechanism (PM2)** in order to prompt further actions or populate further fields of activate certain elements of this system and method, which are disclosed, in detail, further.

In accordance with yet another embodiment of this invention, there is provided an **auto-suggest mechanism (ASM)** adapted to populate fields relating to at least a **symptoms' field (SMF)**, at least a **history of present illness field (HPF)**, at least a **basic clinical history field (CHF)**, at least a **signs' field (SGF)**, and / or its combinations based on a selected illness from the **illness database (ID)**. The symptoms' field is related to a **symptoms' database (SMD)**. Hence, a doctor can, alternatively (instead of it being prompted or populated), manually select a symptom. The **signs' field (SGD)** is related to a **signs' database (SGD)**. Hence, a doctor can, alternatively (instead of it being prompted or populated), manually select a sign. The **history of present illness field (HPF)** is related to a **history of present illness database (HPD)**. Hence, a doctor can, alternatively (instead of it being prompted or populated) manually select items from the **history of present illness database (HPD)**. The **basic clinical history field (CHF)** is related to a **basic clinical history database (CHD)**. Hence, a doctor can, alternatively (instead of it being prompted or populated) manually select items from the **basic clinical history database (CHD)**.

In accordance with still another embodiment of this invention, there is provided a **directions' database (DRD)** adapted to provide directions in relation to use of each of selected medicine. The ingestion of medicine can be taking the medicine orally or applying the medication or injecting the medication or the like. The **directions' database (DRD)** is linked to a **directions' field (DRF)** which display the directions on a computational device. In at least one embodiment, the **directions' database (DRD)** is correlated with the **second populating mechanism (PM2)** in order to populate directions based on pre-defined logic. In at least another embodiment, the **directions' database (DRD)** is correlated with the **second populating mechanism (PM2)** in order to populate directions based on

learning doctor's prescriptions, iteratively, over a period of time, in correlation with an illness from **illnesses database (ID)** or in correlation with a symptom from the **symptoms' database (SMD)** or in correlation with items from **history of present illness database (HPD)** or in correlation with items from **basic clinical history database** or its combinations.

In accordance with still another embodiment of this invention, there is provided a **dosages' database (DSD)** adapted to provide dosages in relation to use of each of selected medicine. The **dosages' database (DSD)** is linked to a **dosages' field (DSF)** which display the dosages on a computational device. The dosages are numerals in whole of decimal format. In at least one embodiment, the **dosages' database (DSD)** is correlated with the **second populating mechanism (PM2)** in order to populate dosages based on pre-defined logic. In at least another embodiment, the **dosages' database (DSD)** is correlated with the **second populating mechanism (PM2)** in order to populate dosages based on learning doctor's prescriptions, iteratively, over a period of time, in correlation with an illness from **illnesses database (ID)** or in correlation with a symptom from the **symptoms' database (SMD)** or in correlation with items from **history of present illness database (HPD)** or in correlation with items from **basic clinical history database (CHF)** or its combinations.

In accordance with still another embodiment of this invention, there is provided a **routes' database (RTD)** adapted to provide routes in relation to use of each of selected medicine. The route may be an oral route or an intravenous route or a topical route or the like. The **routes' database (RTD)** is linked to a **routes' field (RTF)** which display the routes on a computational device. In at least one embodiment, the **routes' database (RTD)** is correlated with the **second**

populating mechanism (PM2) in order to populate duration based on pre-defined logic. In at least another embodiment, the **duration database (DTD)** is correlated with the **second populating mechanism (PM2)** in order to populate routes based on learning doctor's prescriptions, iteratively, over a period of time, in correlation with an illness from **illnesses database (ID)** or in correlation with a symptom from the **symptoms' database (SD)** or in correlation with items from **history of present illness database (HPD)** or in correlation with items from **basic clinical history database (CHD)** or its combinations.

In accordance with still another embodiment of this invention, there is provided a **duration database (DTD)** adapted to provide duration in relation to use of each of selected medicine. The duration is a numeral in terms of days. The **duration database (DTD)** is linked to a **duration field (DTF)** which displays the duration on a computational device. In at least one embodiment, the **duration database (DTD)** is correlated with the **second populating mechanism (PM)** in order to populate duration based on pre-defined logic. In at least another embodiment, the **duration database (DTD)** is correlated with the **second populating mechanism (PM)** in order to populate duration based on learning doctor's prescriptions, iteratively, over a period of time, in correlation with an illness from **illnesses database (ID)** or in correlation with a symptom from the **symptoms' database** or in correlation with items from **history of present illness database (HPD)** or in correlation with items from **basic clinical history database (CHD)** or its combinations.

In accordance with still another embodiment of this invention, there is provided a **remarks' database (RMD)** adapted to provide remarks in relation to use of each of selected medicine. The remarks may be specific or general instructions in

relation to the medicine. This may include terms such as, 'as needed', 'at night', 'after dinner', 'on empty stomach', 'after eating something' or the like. The **remarks' database (RMD)** is linked to a **remarks' field (RMF)** which display the remarks on a computational device. In at least one embodiment, the **remarks' database (RMD)** is correlated with the **second populating mechanism (PM2)** in order to populate remarks based on pre-defined logic. In at least another embodiment, the **remarks' database (RMD)** is correlated with the **second populating mechanism (PM2)** in order to populate remarks based on learning doctor's prescriptions, iteratively, over a period of time, in correlation with an illness from **illnesses database(ID)** or in correlation with a symptom from the **remarks' database (RMD)** or in correlation with items from **history of present illness database (HPD)** or in correlation with items from **basic clinical history database (CHD)** or its combinations.

In accordance with still another embodiment of this invention, there is provided a **visual indicating mechanism (VIM)** adapted to indicate dosages in relation to intervals of dosages per day. The **visual indicating mechanism** is linked to a **visual indicating field (VIF)** which displays the dosages in terms of intervals per day, in a pre-defined manner, on a computational device. In at least one embodiment, the **visual indicating mechanism (VIM)** is correlated with the **second populating mechanism (PM2)** in order to populate indicating dosages based on pre-defined logic. In at least another embodiment, the **visual indicating mechanism (VIM)** is correlated with the **second populating mechanism (PM2)** in order to populate indicating dosages based on learning doctor's prescriptions, iteratively, over a period of time, in correlation with an illness from **illnesses database (IM)** or in correlation with a symptom from the **visual indicating mechanism (VIM)** or in correlation with items from **history of present illness**

database (HPD) or in correlation with items from **basic clinical history database (CHD)** or its combinations.

Additionally, selection of at least a medication can populate fields such as directions' field, dosage field, routes' field, and visual indicating field. These form a primary set of fields

Additionally, selection of at least a medication can further populate fields such as duration field, and remarks' field. These form a primary set of fields

Additionally, selection of at least an illness can populate fields such as directions' field, dosage field, routes' field, and visual indicating field. These form a primary set of fields

Additionally, selection of at least an illness can further populate fields such as duration field, and remarks' field. These form a primary set of fields

In accordance with an additional embodiment of this invention, there is provided an input mechanism adapted to provide touch based inputs or click based inputs or gesture based inputs for using the system and method of this invention. The input mechanism comprises a **first numerical keypad (NK1)**, typically, in virtual form. This first numerical keypad relates to inputs for dosages, in that, it comprises the incorporation of a decimal point and / or numerical such as ½, ¼, ¾, or the like dosages which are typically useful for tapering of dosages. The input mechanism further comprises a second numerical keypad, typically, in virtual form. This second numerical keypad relates to inputs for duration and is advantageously equipped for ease of use.

In accordance with yet an additional embodiment of this invention, there is provided a **learning mechanism (LM)** adapted to learn correlations between dosages and illnesses, dosages and symptoms, dosages and items of present illness history, dosages and items of basic clinical history, and its combinations. This **learning mechanism (LM)** is intelligently coupled with the **first populating mechanism (PM1)** and the **second populating mechanism (PM2)**. This provides for auto-suggestion based on a selected medicine or based on a selected illness or based on a selected combination of medicine and illness.

In accordance with yet an additional embodiment of this invention, there is provided a **counter mechanism (CTM)** adapted to count frequency of use of medicine in relation to various parameters. The frequency of use of medicine can be correlated with data from the learning mechanism in order to allow the system and method of this invention to learn medicine count relating to various factors of use per doctor or per patient or per patient-doctor interaction.

In accordance with yet an additional embodiment of this invention, there is provided a **weight assigning mechanism (WAM)** adapted to assign pre-defined weights for a medicine in relation to pre-defined parameters. These pre-defined parameters may be frequency, illness quotient, advertisement quotient, user-defined parameters, or the like. The assigned weights can be used in a search engine for medicine recommendation. Thus, medicine assignment provides warranted feedback to interested people such as medical representative, pharmaceutical companies, or the like.

In accordance with an embodiment of this invention, there is provided a **unique identifier generator** adapted to generate a unique identifier, per patient. The unique identifier generator, typically, is linked to a **unique identifier database** tagged correspondingly with patient identity, referring doctor identity, as well as with the prescription module of the system and method of this invention. Further, this module comprises a **dynamic link generator** adapted to dynamically link each generated unique identifier with a medication database in a manner such that medications prescribed by a doctor using this module are activated and communicably coupled to the unique identifier. There may be a time barring mechanism adapted to allow each medication prescription to be time barred for purchase / sale.

In accordance with another embodiment of this invention, the prescription module comprises a **plurality of nodes** for purchasing prescribed medications. These nodes may be pharmacies. The nodes are equipped to read unique identifier and further equipped to be communicably coupled to the prescription module and to retrieve medication data relating to identified patient. This provides for paperless, authenticated, warranted, seamless prescription.

Typically, a fourth set of templates comprises the use of illnesses' database (ID) along with first populating mechanism (PM1), medicines database (MD) along with correlation mechanism (CM) and auto-suggest mechanism (ASM) and second populating mechanism (PM2), auto-suggest mechanism (ASM) correlating with symptoms' field (SMF), history of present illness field (HPF), basic clinical history field (CHF), signs' field (SGF), illnesses database (ID), symptoms' database (SMD). Further, the fourth set of templates comprises the use directions' database (DRD) along with directions' field (DRF) and symptoms' database (SMD),

dosages database (DSD) along with dosages' field (DSF), routes' database (RTD) along with routes' field (RTF), duration database (DTD) along with duration field (DTF), remarks' database (RMD) along with remarks' field (RF), and visual indicating mechanism (VIM) with visual indicating field (VIF).

In at least a fifth embodiment, there is provided a zero type treatment plan module. A fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plans, is defined and stored in databases.

Figure 5.1 illustrates a schematic block diagram of the system of this invention.

Figure 5.2 illustrates a wire frame diagram of the system of this invention, enabled on a computational device.

In accordance with an embodiment of this invention, there is provided a pre-defined **order set database (OSD)** adapted to define and store various order sets. An order set, typically, is a list of attributes relating to treatment plan per defined illness from the **illnesses' database (ID)**. These attributes may comprise at least a medication, at least a test, at least a recommendation, and / or the like attributes relating to an illness. The **order set database (OSD)** is linked with an **order set field (OSF)** adapted to list order sets. A doctor adapted to use the system and method of this invention is able to select an order set from this database which is highlighted, upon selection. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input. Depending upon an illness that is selected, corresponding treatment plan may be activated for display by populating pre-defined fields in the treatment plan view of

this system and method. The **order set database (OSD)** is linked with an **illnesses' database (ID)** which lists illnesses. A doctor adapted to use the system and method of this invention is able to select an illness from this database which is highlighted, upon selection. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input. Tests may comprise a header and corresponding elements' format. The order set database is further linked to the zero type prescription system and method and the zero type tests and results system and method; discussed above.

In accordance with another embodiment of this invention, there is provided an **allergies database (AD)** adapted to store a list of allergies. The **allergies database (AD)** is linked with an **allergies field (AF)** adapted to list allergies. A doctor adapted to use the system and method of this invention is able to select an allergy, per patient, from this database which is highlighted, upon selection. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input. These allergies may be tied up with medications from the **medicines' database (MD)** such that medicine with contraindicating allergies for a patient are not activated for selection (or may be highlighted so that the doctor is aware while prescribing).

In accordance with another embodiment of this invention, there is provided a **procedures database (PD)** adapted to store a list of procedures that may be prescribed to a patient. The **procedures database (PD)** is linked with a **procedures field (PF)** adapted to list procedures. A doctor adapted to use the system and method of this invention is able to select a procedure, per patient, from this database which is highlighted, upon selection. The items are in a selectable

manner such that a user may select the items by a click based or gesture based or touch based input.

In accordance with another embodiment of this invention, there is provided a **referrals database (RFD)** adapted to store a list of referrals that may be prescribed to a patient. The **referrals database (RFD)** is linked with a **referrals field (RFF)** adapted to list **referrals**. **Referrals** may be specialist doctor referrals. In this case, the **referrals database (RFD)** is populated with doctors' details tagged with specialties' associated, thereof. A doctor adapted to use the system and method of this invention is able to select a referral, per patient, from this database which is highlighted, upon selection. The items are in a selectable manner such that a user may select the items by a click based or gesture based or touch based input.

In accordance with another embodiment of this invention, there is provided a **recommendations field (RCF)** adapted to allow input of recommendations, per patient.

Typically, a fifth set of templates comprises the use of order set database (OSD) along with order set field (OSF) linked with illnesses' database (ID), allergies database (AD) along with allergies field (AF) linked with medicines' database (MD), procedures database (PD) linked with procedures field (PF), referrals database (RFD) linked with referrals field (RFF), recommendations field (RCF).

In at least a sixth embodiment, there is provided a zero type prognosis module. A sixth set of templates relating to prognosis templates and a sixth set of clinical and / or medical terminologies, correlating to prognosis, is defined and stored in databases.

Figure 6.1 illustrates a schematic block diagram of the system of this invention.

In accordance with an embodiment of this invention, there is provided an **update mechanism (UDM)** adapted to update the **first set of databases (D1)** in order to store resumption of normalcy or progress of patient. Various previous systems and mechanism can be invoked from here in order to define prognosis in accordance with a time-stamped and date-stamped manner.

Typically, a sixth set of templates comprises the use of update mechanism with first set of databases (D1).

The **technical advancement** of this invention lies in building semantic correlation between templates and terminologies, in a step-wise manner, in order to record data across steps of a patient-doctor interaction in a seamless zero-type, intelligent, and pre-emptive manner. The architecture of the system along with the structure of datasets leads to a zero-type system.

The data, in each of the components, means, modules, mechanisms, units, devices of the system and method may be 'encrypted' and suitably 'decrypted' when required.

The systems described herein can be made accessible through a portal or an interface which is a part of, or may be connected to, an internal network or an external network, such as the Internet or any similar portal. The portals or interfaces are accessed by one or more of users through an electronic device, whereby the user may send and receive data to the portal or interface which gets

stored in at least one memory device or at least one data storage device or at least one server, and utilises at least one processing unit. The portal or interface in combination with one or more of memory device, data storage device, processing unit and serves, form an embedded computing setup, and may be used by, or used in, one or more of a non-transitory, computer readable medium. In at least one embodiment, the embedded computing setup and optionally one or more of a non-transitory, computer readable medium, in relation with, and in combination with the said portal or interface forms one of the systems of the invention. Typical examples of a portal or interface may be selected from but is not limited to a website, an executable software program or a software application.

The systems and methods may simultaneously involve more than one user or more than one data storage device or more than one host server or any combination thereof.

A user may provide user input through any suitable input device or input mechanism such as but not limited to a keyboard, a mouse, a joystick, a touchpad, a virtual keyboard, a virtual data entry user interface, a virtual dial pad, a software or a program, a scanner, a remote device, a microphone, a webcam, a camera, a fingerprint scanner, a cave, pointing stick

The systems and methods can be practiced using any electronic device which may be connected to one or more of other electronic device with wires or wirelessly which may use technologies such as but not limited to, Bluetooth, Wi-Fi, Wimax. This will also extend to use of the aforesaid technologies to provide an authentication key or access key or electronic device based unique key or any combination thereof.

In at least one embodiment, one or more user can be blocked or denied access to one or more of the aspects of the invention.

Encryption can be accomplished using any encryption technology, such as the process of converting digital information into a new form using a key or a code or a program, wherein the new form is unintelligible or indecipherable to a user or a thief or a hacker or a spammer. The term 'encryption' includes encoding, compressing, or any other translating of the digital content. The encryption of the digital media content can be performed in accordance with any technology including utilizing an encryption algorithm. The encryption algorithm utilized is not hardware dependent and may change depending on the digital content. For example, a different algorithm may be utilized for different websites or programs. The term 'encryption' further includes one or more aspects of authentication, entitlement, data integrity, access control, confidentiality, segmentation, information control, and combinations thereof.

The described embodiments may be implemented as a system, method, apparatus or article of manufacture using standard programming and/or engineering techniques related to software, firmware, hardware, or any combination thereof. The described operations may be implemented as code maintained in a "non-transitory, computer readable medium", where a processor may read and execute the code from the non-transitory, computer readable medium. A non-transitory, computer readable medium may comprise media such as magnetic storage medium (e.g., hard disk drives, floppy disks, tape, etc.), optical storage (CD-ROMs, DVDs, optical disks, etc.), volatile and non-volatile memory devices (e.g., EEPROMs, ROMs, PROMs, RAMs, DRAMs, SRAMs, Flash Memory, firmware,

programmable logic, etc.), etc. The code implementing the described operations may further be implemented in hardware logic (e.g., an integrated circuit chip, Programmable Gate Array (PGA), Application Specific Integrated Circuit (ASIC), etc.).

Still further, the code implementing the described operations may be implemented in "transmission signals", where transmission signals may propagate through space or through a transmission media, such as an optical fibre, copper wire, etc. The transmission signals in which the code or logic is encoded may further comprise a wireless signal, satellite transmission, radio waves, infrared signals, Bluetooth, etc. The transmission signals in which the code or logic is encoded is capable of being transmitted by a transmitting station and received by a receiving station, where the code or logic encoded in the transmission signal may be decoded and stored in hardware or a non-transitory, computer readable medium at the receiving and transmitting stations or devices. An "article of manufacture" comprises non-transitory, computer readable medium or hardware logic, and/or transmission signals in which code may be implemented. A device in which the code implementing the described embodiments of operations is encoded may comprise a non-transitory, computer readable medium or hardware logic. Of course, those skilled in the art will recognize that many modifications may be made to this configuration without departing from the scope of the present invention, and that the article of manufacture may comprise suitable information bearing medium known in the art.

The term network means a system allowing interaction between two or more electronic devices, and includes any form of inter/intra enterprise environment

such as the world wide web, Local Area Network (LAN) , Wide Area Network (WAN) , Storage Area Network (SAN) or any form of Intranet.

The systems and methods can be practiced using any electronic device. An electronic device for the purpose of this invention is selected from any device capable of processing or representing data to a user and providing access to a network or any system similar to the internet, wherein the electronic device may be selected from but not limited to, personal computers, tablet computers, mobile phones, laptop computers, palmtops, portable media players, and personal digital assistants. In an embodiment, the computer readable medium data storage unit or data storage device is selected from a set of but not limited to USB flash drive (pen drive), memory card, optical data storage discs, hard disk drive, magnetic disk, magnetic tape data storage device, data server and molecular memory.

The process steps, method steps, algorithms or the like may be described in a sequential order, such processes, methods and algorithms may be configured to work in alternate orders. In other words, any sequence or order of steps that may be described does not necessarily indicate a requirement that the steps be performed in that order. The steps of processes described herein may be performed in any order practical. Further, some steps may be performed simultaneously, in parallel, or concurrently.

While the present invention is susceptible of embodiment in various forms, there is shown in the drawings and will hereinafter be described a presently preferred embodiment with the understanding that the present disclosure is to be considered an exemplification of the invention and is not intended to limit the invention to the specific embodiments illustrated. The use of "including", "comprising" or "having"

and variations thereof herein is meant to encompass the items listed thereafter and equivalents thereof as well as additional items.

The terminology used herein is for the purpose of describing particular embodiments only and is not intended to be limiting of the invention. As used herein, the singular forms "a", "an" and "the" are intended to include the plural forms as well, unless the context clearly indicates otherwise. It will be further understood that the terms "comprises" and/or "comprising," when used in this specification, specify the presence of stated features, integers, steps, operations, elements, and/or components, but do not preclude or rule out the presence or addition of one or more other features, integers, steps, operations, elements, components, and/or groups thereof.

While this detailed description has disclosed certain specific embodiments for illustrative purposes, various modifications will be apparent to those skilled in the art which do not constitute departures from the spirit and scope of the invention as defined in the following claims, and it is to be distinctly understood that the foregoing descriptive matter is to be interpreted merely as illustrative of the invention and not as a limitation.

Claims,

1. A zero-type system for capturing medical records and providing prescriptions, said system comprising:

- at least a pre-defined set of pre-configured clinical and / or medical terminology stored in databases;
- at least a pre-defined set of pre-configured templates stored in databases, characterised in that, said templates comprising multiple templates corresponding to various aspects of a doctor-patient visit, and said templates correlating with said pre-configured clinical and / or medical terminology;

characterised in that,

- said pre-defined set of pre-configured templates and said pre-defined set of pre-configured clinical and / or medical terminology being correlated in a hierarchical manner to move from one touch based response to another through said multiple templates by selecting said clinical and / or medical terminology, thereby recording data through said multiple templates in a zero-type manner.

2. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a first template corresponding at least to examination procedures;
- at least a second template corresponding at least to diagnosis;
- at least a third template corresponding at least to tests and results;
- at least a fourth template corresponding at least to prescriptions;
- at least a fifth template corresponding at least to treatment plans; and
- at least a sixth template corresponding at least to prognosis.

3. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured clinical and / or medical terminology comprising:

- at least a first set of terminologies correlating with at least a first template corresponding at least to examination procedures,
- at least a second set of terminologies correlating with at least a second template corresponding at least to diagnosis;
- at least a third set of terminologies correlating with at least a third template corresponding at least to tests and results;
- at least a fourth set of terminologies correlating with at least a fourth template corresponding at least to prescriptions;
- at least a fifth set of terminologies correlating with at least a fifth template corresponding at least to treatment plans; and
- at least a sixth set of terminologies correlating with at least a sixth template corresponding at least to prognosis.

4. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured clinical and / or medical terminology is a specialty-specific pre-defined set of pre-configured clinical and / or medical terminology.

5. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured clinical and / or medical terminology further being correlated with at least a frequency response mechanism configured to compute frequency of use of each terminology and to prompt relatively more frequently used terminologies earlier or more promptly than others.

6. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured clinical and / or medical terminology further being correlated with at least a frequency response mechanism configured to compute frequency of use of each terminology in correlation with context and use this correlative context to prompt relatively more frequently used terminologies earlier or more promptly than others, in correlation to the context at hand.

7. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates stored in databases being correlated with an auto-population mechanism configured to auto-populate templates to a certain degree based on pre-defined parameters.

8. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates stored in databases being correlated with an auto-population mechanism configured to auto-populate templates to a certain degree based on pre-defined parameters, characterised in that, said auto-populate mechanism being configured to auto-populate fields in a template, said pre-defined parameters comprising order of data across said templates and / or order of said templates.

9. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said system comprising a correlative mechanism configured to correlate order of input of said clinical and / or medical terminologies across said templates in order to pre-empt or auto-populate input

of successive clinical and / or medical terminologies across said templates based on preceding clinical and / or medical terminologies across said templates as defined by the correlative mechanism.

10. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said system comprising a correlative mechanism configured to correlate order of input across said templates in order to pull a successive template based on a preceding template and data from said correlative mechanism.

11. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said system comprising at least a speech to text mechanism configured to convert speech to text, thereby enabling doctors in their clinical documentation and also to navigate through the various steps of a patient management flow.

12. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a first set of templates relating to examination templates and a first set of clinical and / or medical terminologies, correlating to examination procedures, characterised in that, said system further comprising:
- at least a body parts' database adapted to comprise a list of body parts;
- at least a body parts' field linked with said body parts' database, listing of said body parts being provided in a touch-based selectable manner;
- at least an illnesses' database adapted to comprise a list of illnesses;

- at least an illnesses' field which lists illnesses, at least an illness being selected in a touch-based selectable manner.

13.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said system comprising:

- at least a plurality of sets of databases, each at least a successive database being linked with at least a preceding database in a hierarchical top down manner, thereby forming a one-is-to-many correlation for every item in a preceding database in relation to a list of items in a successive database, said databases comprising:
- at least a preceding set of databases relating to a preceding set of items relating to preceding level of examination findings or reports that populate a preceding set of fields, said items being selectable in a touch-based manner;
- at least a successive set of databases relating to a successive set of items relating to successive level of examination findings or reports that populate a successive set of fields, said items being selectable in a touch-based manner; and
- at least a relationship establishing mechanism adapted to establish a relationship between an item of a successive database to an item of a preceding database.

14.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said system further comprising:
- at least a symptoms' database adapted to host a list of symptoms;

- at least a body parts' database linked to said at least a symptoms' database, said body part being listed in a touch-based selectable manner;
- at least a symptoms' field which lists symptoms in a touch-based selectable manner, said symptoms' field linked with said at least a symptoms' database.

15.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said system further comprising:
- at least a signs' database adapted to host a list of signs;
- at least a body parts' database linked to said at least a signs' database, said body part being listed in a touch-based selectable manner;
- at least a signs' field which lists signs in a touch-based selectable manner, said signs' field linked with said at least a signs' database.

16.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said system further comprising:
- at least an aggregation engine adapted to aggregate signs, symptoms, and results of examination proceedings in order to provide an aggregated view of said aggregated data to a doctor; and

- at least a diagnosis recording mechanism adapted to record a diagnosis for a doctor-patient encounter based on aggregated view of aggregated data.

17.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said system further comprising:

- at least a tests' database adapted to host a list of tests that can be prescribed to a patient, said tests being linked to body parts from at least a body parts' database;

- at least a tests' field corresponding to said at least a tests' database, said test being listed in a touch-based selectable manner.

18.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said system further comprising:

- at least an image uploading mechanism adapted to upload images in relation to tests performed.

19.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said system further comprising:
- at least a results' uploading mechanism adapted to upload results in relation to tests prescribed.

20. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said system further comprising:
- at least a definition mechanism adapted to define units, ranges, and test related parameters in order to provide normal results' data alongside actual results' data that is fed to the results' uploading mechanism.

21. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least an illnesses' database adapted to comprise a list of illnesses provided in a touch based selectable manner;
- at least a first populating mechanism configured to be activated in response to a touch selectable illness in order to prompt further actions or populate further fields.

22.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least an illnesses' database adapted to comprise a list of illnesses provided in a touch based selectable manner;
- at least a medicines' database adapted to comprise a list of medicines provided in a touch based selectable manner;
- at least a correlation mechanism configured to correlate illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine from said at least a medicines' database in response to a selected illness from said at least an illnesses' database.

23.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least an illnesses' database adapted to comprise a list of illnesses provided in a touch based selectable manner;
- at least a medicines' database adapted to comprise a list of medicines provided in a touch based selectable manner;
- at least a correlation mechanism configured to correlate illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine from

said at least a medicines' database in response to a selected illness from said at least an illnesses' database;

- at least an auto-suggest mechanism configured to pop up or suggest medicines starting with inserted letters and similar or same medicines;
- at least a second populating mechanism configured to prompt further actions or populate further fields.

24.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least an illnesses' database adapted to comprise a list of illnesses provided in a touch based selectable manner;
- at least a medicines' database adapted to comprise a list of medicines provided in a touch based selectable manner;
- at least a correlation mechanism configured to correlate illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine from said at least a medicines' database in response to a selected illness from said at least an illnesses' database;
- at least an auto-suggest mechanism configured to pop up or suggest medicines starting with inserted letters and similar or same medicines;
- at least a second populating mechanism configured to prompt further actions or populate further fields,

further, characterised in that, said auto-suggest mechanism being configured to populate fields relating to at least a symptoms' field correlative to at least a

symptoms' database, at least a history of present illness field correlative to at least a, at least a basic clinical history field correlative to at least a history of present illness database, at least a signs' field correlative to at least a signs' database, and / or its combinations based on a selected illness from said illness database correlative to at least a illness database, basic clinical history field correlative to at least a basic clinical history database.

25.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a directions' database adapted to provide directions in relation to use of each of selected medicine;
- at least a directions' field linked to at least a directions' database which displays directions in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a directions' database in order to populate directions based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

26.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a dosages' database adapted to provide dosages in relation to use of each of selected medicine;
- at least a dosages' field adapted to display the dosages in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a dosages' database in order to populate directions based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

27. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a routes' database adapted to provide routes in relation to use of each of selected medicine;
- at least a routes' field linked to at least a routes' database to display routes in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a routes' database in order to populate routes based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from

history of present illness database or in correlation with items from basic clinical history database or its combinations.

28.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a duration database adapted to provide duration in relation to use of each of selected medicine;
- at least a duration field linked to at least a duration database to display duration in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a duration database in order to populate duration based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

29.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a remarks' database adapted to provide duration in relation to use of each of selected medicine;

- at least a remarks' field linked to at least a remarks' database to display remarks in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a remarks' database in order to populate remarks based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

30. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a visual indicating mechanism adapted to indicate dosages in relation to intervals of dosages per day;
- at least a visual indicating field linked to said at least a visual indicating mechanism which displays the dosages in terms of intervals per day, in a pre-defined manner, in a touch based selectable manner;
- at least a second populating mechanism correlating with said at least a visual indicating mechanism in order to populate indicating dosages based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

31.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:

- first numerical keypad relates to inputs for dosages, in that, it comprises the incorporation of a decimal point and / or numerical bearing values ½, ¼, ¾ useful for tapering of dosages.

32.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:

- at least a learning mechanism adapted to learn correlations between dosages and illnesses, dosages and symptoms, dosages and items of present illness history, dosages and items of basic clinical history, and its combinations, said learning mechanism being intelligently coupled with at least a first populating mechanism and at least a second populating mechanism in order to provide for auto-suggestion based on a selected medicine or based on a selected illness or based on a selected combination of medicine and illness.

33.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a counter mechanism adapted to count frequency of use of medicine in relation to various parameters, said frequency of use of medicine adapted to be correlated with data from at least a learning mechanism in order to said system to learn medicine count relating to various factors of use per doctor or per patient or per patient-doctor interaction.

34.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a weight assigning mechanism adapted to assign pre-defined weights for a medicine in relation to pre-defined parameters.

35.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a unique identifier generator adapted to generate a unique identifier, per patient, said unique identifier generator being is linked to a unique identifier

database tagged correspondingly with patient identity, referring doctor identity, as well as with the prescription module of said system.

36.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a dynamic link generator adapted to dynamically link each generated unique identifier with a medication database in a manner such that medications prescribed by a doctor are activated and communicably coupled to a unique identifier.

37.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said system further comprising:
- at least a plurality of nodes for purchasing prescribed medications.

38.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:
- at least a pre-defined order set database adapted to define and store various order sets;
- at least a pre-defined order set field adapted to list order sets in a touch-based selectable manner;
- at least an illnesses' database linked with at least an order set database.

39. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:
- at least an allergies database adapted to store a list of allergies;
- at least an allergies field adapted to list allergies in a touch-based selectable manner;
- at least a medicines' database adapted to be linked with said allergies database in order to indicate and block contraindicating medicines per patient allergy.

40. A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:

- at least a procedures database adapted to store a list of procedures adapted to be prescribed to a patient;
- at least a procedures field adapted to list procedures, in a touch based selectable manner.

41.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:
- at least a referrals database adapted to store a list of referrals that can be prescribed to a patient;
- at least a referrals field linked with said at least a referrals database adapted to list referrals in a touch based selectable manner.

42.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:
- at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said system further comprising:
- at least a recommendations field adapted to allow input of recommendations, per patient, in a touch based selectable manner.

43.A zero-type system for capturing medical records and providing prescriptions as claimed in claim 1 wherein, said pre-defined set of pre-configured templates comprising:

- at least a sixth set of templates relating to prognosis templates and a sixth set of clinical and / or medical terminologies, correlating to prognosis, characterised in that, said system further comprising:

- at least an update mechanism adapted to update a first set of databases in order to store resumption of normalcy or progress of patient;

further characterised in that, said update mechanism being configured to define prognosis in accordance with a time-stamped and date-stamped manner.

44.A zero-type method for capturing medical records and providing prescriptions, said method comprising the steps of:

- storing at least a pre-defined set of pre-configured clinical and / or medical terminology;

- storing at least a pre-defined set of pre-configured templates, characterised in that, said templates comprising multiple templates corresponding to various aspects of a doctor-patient visit, and said templates correlating with said pre-configured clinical and / or medical terminology;

characterised in that,

- said pre-defined set of pre-configured templates and said pre-defined set of pre-configured clinical and / or medical terminology being correlated in a hierarchical manner to move from one touch based response to another through said multiple templates by selecting said clinical and / or medical terminology, thereby recording data through said multiple templates in a zero-type manner.

45.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising:

- providing at least a first template corresponding at least to examination procedures;
- providing at least a second template corresponding at least to diagnosis;
- providing at least a third template corresponding at least to tests and results;
- providing at least a fourth template corresponding at least to prescriptions;
- providing at least a fifth template corresponding at least to treatment plans; and
- providing at least a sixth template corresponding at least to prognosis.

46.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured clinical and / or medical terminology, said method comprising the steps of:

- providing at least a first set of terminologies correlating with at least a first template corresponding at least to examination procedures,
- providing at least a second set of terminologies correlating with at least a second template corresponding at least to diagnosis;
- providing at least a third set of terminologies correlating with at least a third template corresponding at least to tests and results;
- providing at least a fourth set of terminologies correlating with at least a fourth template corresponding at least to prescriptions;
- providing at least a fifth set of terminologies correlating with at least a fifth template corresponding at least to treatment plans; and
- providing at least a sixth set of terminologies correlating with at least a sixth template corresponding at least to prognosis.

47. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured clinical and / or medical terminology is a specialty-specific pre-defined set of pre-configured clinical and / or medical terminology.

48. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured clinical and / or medical terminology further being correlated with at least a frequency response mechanism configured to compute frequency of use of each terminology and to prompt relatively more frequently used terminologies earlier or more promptly than others.

49. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said step of providing at least a pre-defined set of pre-configured clinical and / or medical terminology further comprising a further step of computing frequency of use of each terminology in correlation with context and use this correlative context to prompt relatively more frequently used terminologies earlier or more promptly than others, in correlation to the context at hand.

50. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said step of providing at least a pre-defined set of pre-configured templates stored in databases further comprising a further step of auto-populating templates to a certain degree based on pre-defined parameters.

51. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates stored in databases being correlated with a step of auto-population configured to auto-populate templates to a certain degree based on pre-defined parameters, characterised in that, said step of auto-population being configured to auto-populate fields in a template, said pre-defined parameters comprising order of data across said templates and / or order of said templates.

52. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said method comprising a step of correlating order of input of said clinical and / or medical terminologies across said templates in order to pre-empt or auto-populate input of successive clinical and / or medical terminologies across said templates based on preceding clinical and / or medical terminologies across said templates as defined by the correlative mechanism.

53. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said method comprising a step of correlating order of input across said templates in order to pull a successive template based on a preceding template and data from said correlative mechanism.

54. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said method comprising a step of converting speech to text, thereby enabling doctors in their clinical documentation and also to navigate through the various steps of a patient management flow.

55.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a first set of templates relating to examination templates and a first set of clinical and / or medical terminologies, correlating to examination procedures, characterised in that, said method further comprising the steps of:
- providing a list of body parts;
- listing said body parts being provided in a touch-based selectable manner;
- providing a list of illnesses;
- selecting at least an illness in a touch-based selectable manner.

56.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said method comprising the steps of:

- linking each at least a successive database with at least a preceding database in a hierarchical top down manner, thereby forming a one-is-to-many correlation for every item in a preceding database in relation to a list of items in a successive database, said databases comprising:
- providing at least a preceding set of databases relating to a preceding set of items relating to preceding level of examination findings or reports that populate a preceding set of fields, said items being selectable in a touch-based manner;
- providing at least a successive set of databases relating to a successive set of items relating to successive level of examination findings or reports that populate a successive set of fields, said items being selectable in a touch-based manner; and
- establishing a relationship between an item of a successive database to an item of a preceding database.

57.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said method further comprising the steps of:
- hosting a list of symptoms;
- listing said body parts in a touch-based selectable manner;
- listing symptoms in a touch-based selectable manner, said symptoms' field linked with said at least a symptoms' database.

58.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said method further comprising the steps of:
- hosting a list of signs;
- linking body parts' database to signs', said body part being listed in a touch-based selectable manner;
- providing at least a signs' field which lists signs in a touch-based selectable manner, said signs' field linked with said at least a signs' database.

59.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a second set of templates relating to diagnosis templates and a second set of clinical and / or medical terminologies, correlating to diagnosis, characterised in that, said method further comprising the steps of:
- aggregating signs, symptoms, and results of examination proceedings in order to provide an aggregated view of said aggregated data to a doctor; and
- recording a diagnosis for a doctor-patient encounter based on aggregated view of aggregated data.

60. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:
- providing at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said method further comprising the steps of:
- hosting a list of tests that can be prescribed to a patient, said tests being linked to body parts from at least a body parts' database;
- providing at least a tests' field corresponding to a list of tests, said test being listed in a touch-based selectable manner.

61. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:
- providing at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said method further comprising a step of:
- uploading upload images in relation to tests performed.

62.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said method further comprising a step of:

- uploading results in relation to tests prescribed.

63.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a third set of templates relating to tests and results templates and a third set of clinical and / or medical terminologies, correlating to tests and results, characterised in that, said method further comprising a step of:

- defining units, ranges, and test related parameters in order to provide normal results' data alongside actual results' data that is fed to the results' uploading mechanism.

64.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:

- providing a list of illnesses provided in a touch based selectable manner;

- activating, in response to a touch, a selectable illness in order to prompt further actions or populate further fields.

65.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- storing a list of illnesses provided in a touch based selectable manner;
- storing a list of medicines provided in a touch based selectable manner;
- correlating illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine in response to a selected illness.

66.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- storing a list of illnesses provided in a touch based selectable manner;
- storing a list of medicines provided in a touch based selectable manner;
- correlating illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine in response to a selected illness;
- popping up or suggesting medicines starting with inserted letters and similar or same medicines;
- prompting further actions or populate further fields.

67.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- storing a list of illnesses provided in a touch based selectable manner;
- storing a list of medicines provided in a touch based selectable manner;
- correlating at least an illness to medicines in order to pre-populated or pre-activated or pre-highlighted at least a medicine from said at least a medicines' database in response to a selected illness from said at least an illnesses' database;
- popping up or suggesting medicines starting with inserted letters and similar or same medicines;
- prompting further actions or populating further fields,

further, characterised in that, said step of prompting further actions of further fields being configured to populate fields relating to at least a symptoms' field correlative to at least a symptoms' database, at least a history of present illness field correlative to at least a, at least a basic clinical history field correlative to at least a history of present illness database, at least a signs' field correlative to at least a signs' database, and / or its combinations based on a selected illness from said illness database correlative to at least a illness database, basic clinical history field correlative to at least a basic clinical history database.

68.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- providing directions in relation to use of each of selected medicine;
- linking at least a directions' field to provided directions which displays directions in a touch based selectable manner;
- correlating directions' and populating directions based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

69. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- storing dosages in relation to use of each of selected medicine;
- displaying the dosages in a touch based selectable manner;
- correlating dosages in order to populate directions based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

70. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- providing routes in relation to use of each of selected medicine;
- displaying routes in a touch based selectable manner;
- correlating routes' in order to populate routes based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

71. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- providing duration in relation to use of each of selected medicine;
- displaying duration in a touch based selectable manner;
- correlating at least a duration in order to populate duration based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

72. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- providing duration in relation to use of each of selected medicine;
- displaying remarks in a touch based selectable manner;
- correlating with said at least a remark in order to populate remarks based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

73. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising the steps of:
- indicating dosages in relation to intervals of dosages per day;
- displaying the dosages in terms of intervals per day, in a pre-defined manner, in a touch based selectable manner;
- correlating indicated dosages in order to populate indicating dosages based on pre-defined logic or in correlation with a symptom from a symptoms' database or in correlation with items from history of present illness database or in correlation with items from basic clinical history database or its combinations.

74. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:
- providing a first numerical keypad relates to inputs for dosages, in that, it comprises the incorporation of a decimal point and / or numerical bearing values ½, ¼, ¾ useful for tapering of dosages.

75.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:
- learning correlations between dosages and illnesses, dosages and symptoms, dosages and items of present illness history, dosages and items of basic clinical history, and its combinations, said learning mechanism being intelligently coupled with at least a first populating mechanism and at least a second populating mechanism in order to provide for auto-suggestion based on a selected medicine or based on a selected illness or based on a selected combination of medicine and illness.

76.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:
- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:

- counting frequency of use of medicine in relation to various parameters, said frequency of use of medicine adapted to be correlated with data from at least a learning mechanism in order to learn medicine count relating to various factors of use per doctor or per patient or per patient-doctor interaction.

77. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:
- assigning pre-defined weights for a medicine in relation to pre-defined parameters.

78. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:
- generating a unique identifier, per patient, said unique identifier generator being is linked to a unique identifier database tagged correspondingly with patient identity, referring doctor identity, as well as with the prescription module of said method.

79.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:

- dynamically linking each generated unique identifier with a medication database in a manner such that medications prescribed by a doctor are activated and communicably coupled to a unique identifier.

80.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fourth set of templates relating to prescriptions templates and a fourth set of clinical and / or medical terminologies, correlating to prescriptions, characterised in that, said method further comprising a step of:

- providing at least a plurality of nodes for purchasing prescribed medications.

81.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising the steps of:

- defining and storing various order sets;

- listing order sets in a touch-based selectable manner;

- linking illnesses with at least an order set database.

82.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising the steps of:
- storing a list of allergies;
- listing allergies in a touch-based selectable manner;
- linking medicines with said allergies database in order to indicate and block contraindicating medicines per patient allergy.

83.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:

- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising the steps of:
- storing a list of procedures adapted to be prescribed to a patient;
- providing at least a procedures field adapted to list procedures, in a touch based selectable manner.

84.A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising:

- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising the steps of:
- storing a list of referrals that can be prescribed to a patient;
- providing at least a referrals field linked with referrals in a touch based selectable manner.

85. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:
- providing at least a fifth set of templates relating to treatment plan templates and a fifth set of clinical and / or medical terminologies, correlating to treatment plan, characterised in that, said method further comprising a step of:
- providing at least a recommendations field adapted to allow input of recommendations, per patient, in a touch based selectable manner.

86. A zero-type method for capturing medical records and providing prescriptions as claimed in claim 44 wherein, said pre-defined set of pre-configured templates comprising the steps of:
- providing at least a sixth set of templates relating to prognosis templates and a sixth set of clinical and / or medical terminologies, correlating to prognosis, characterised in that, said method further comprising a step of:
- updating a first set of databases in order to store resumption of normalcy or progress of patient;
further characterised in that, said updating being configured to define prognosis in accordance with a time-stamped and date-stamped manner.

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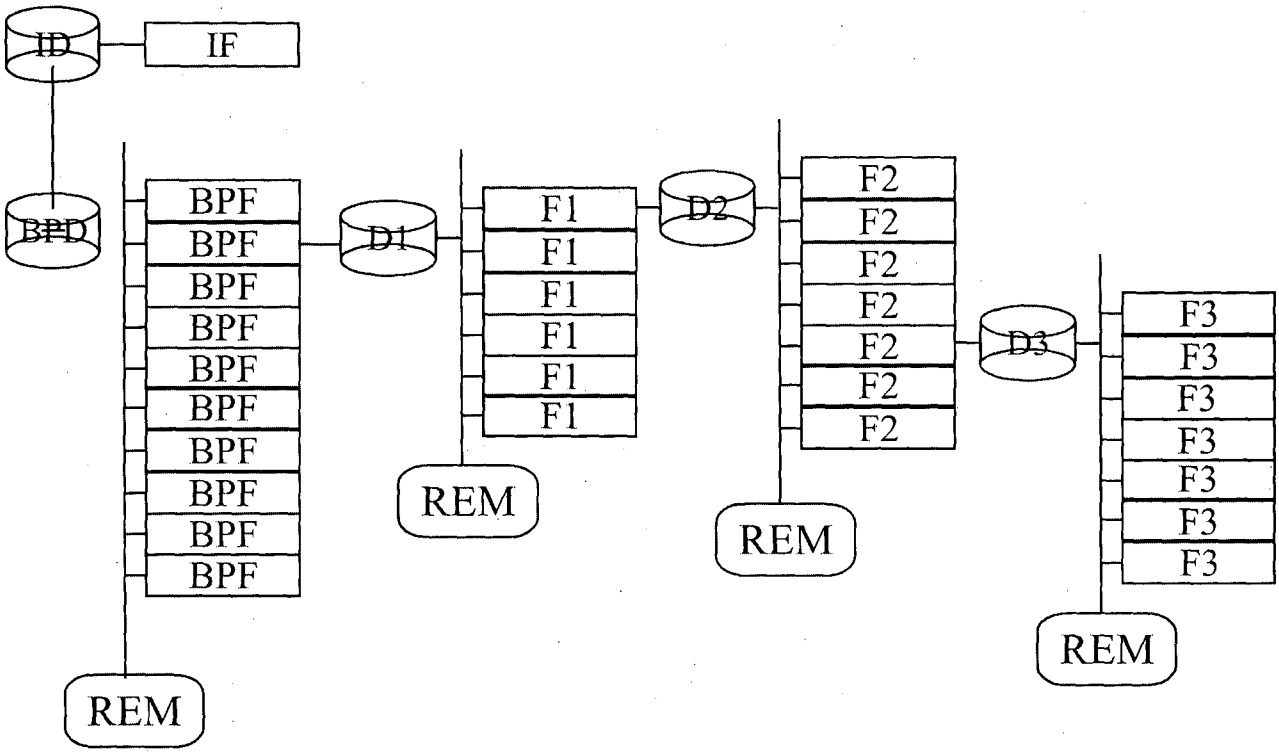

FIGURE 1.1

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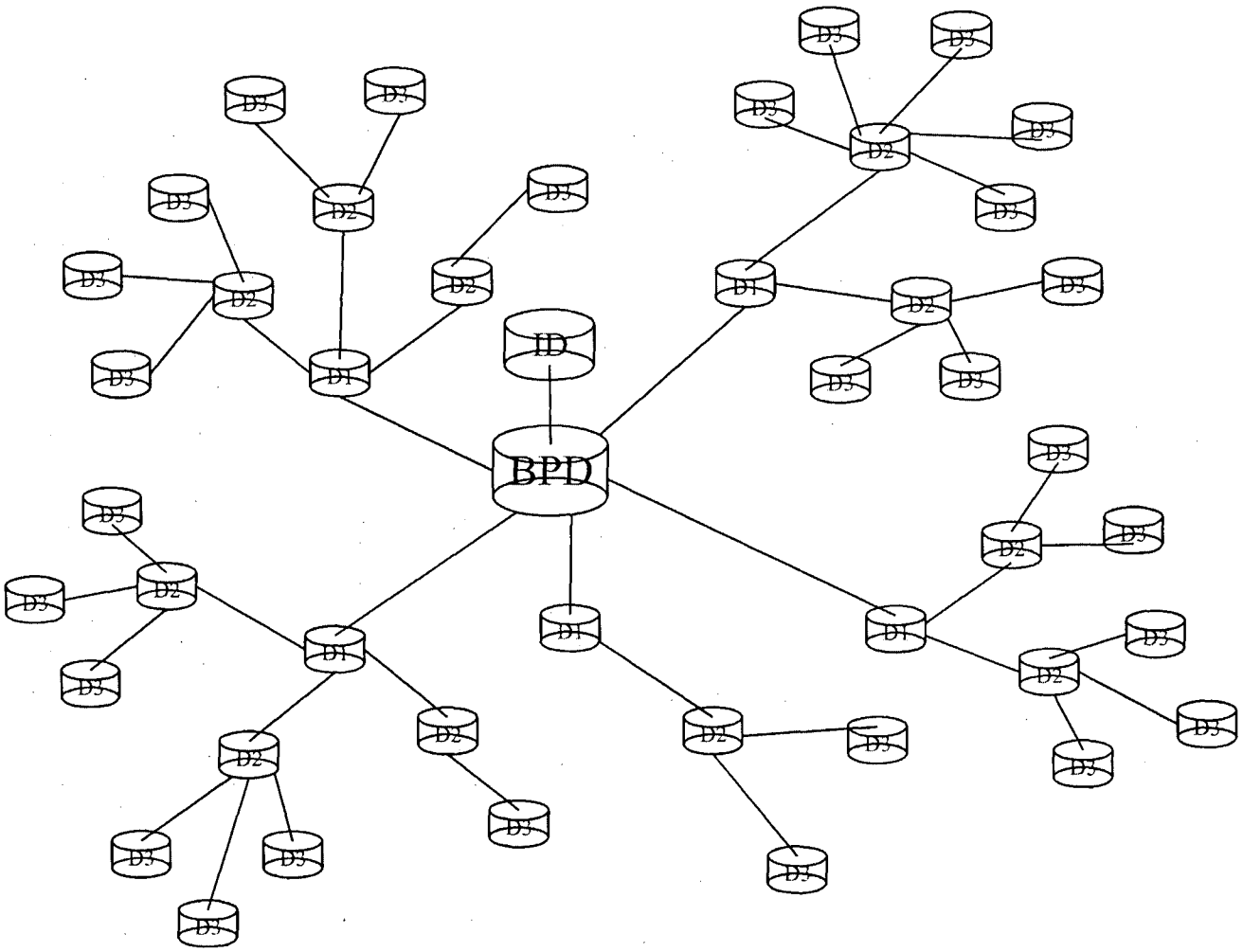

FIGURE 1.2

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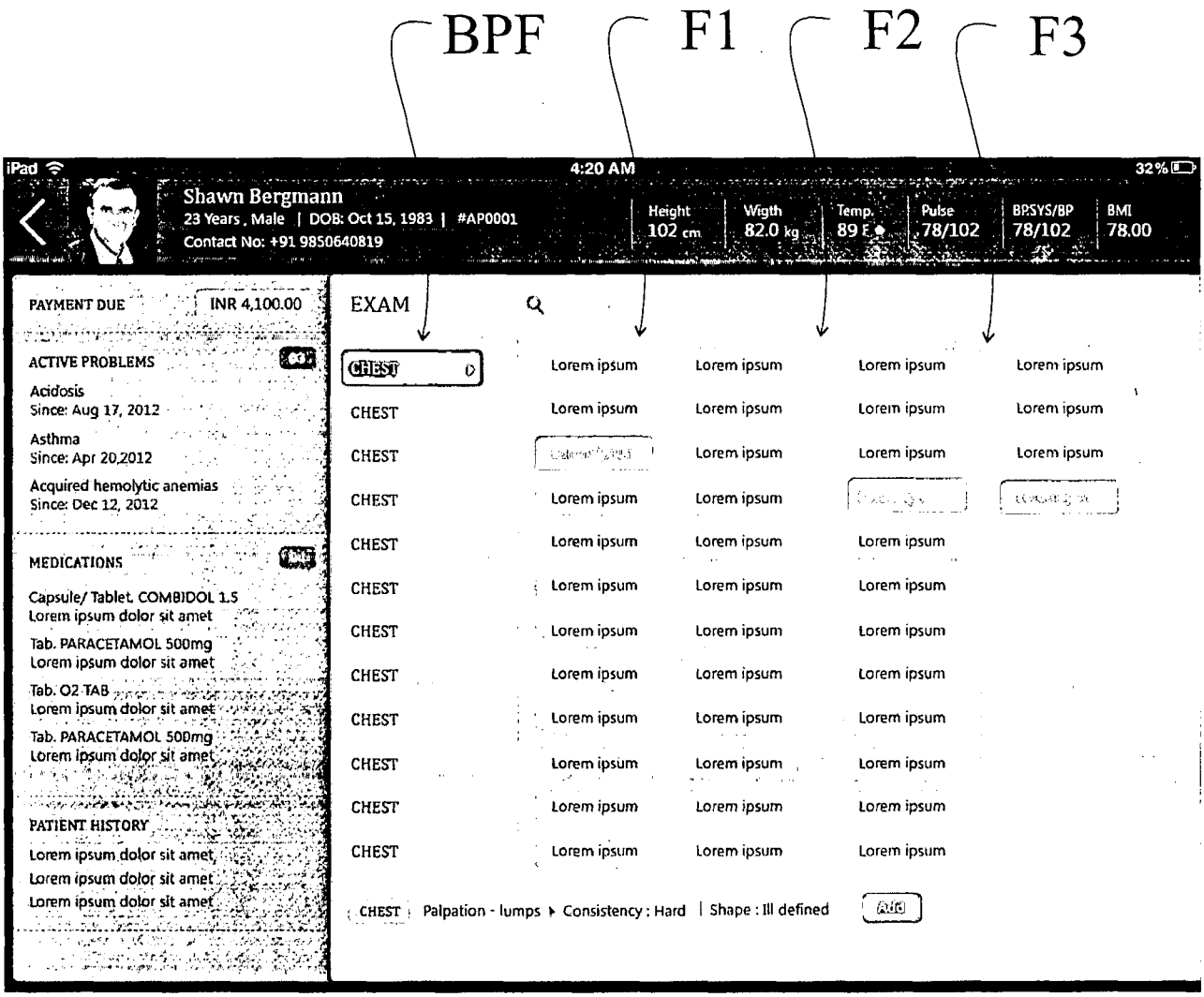

FIGURE 1.3

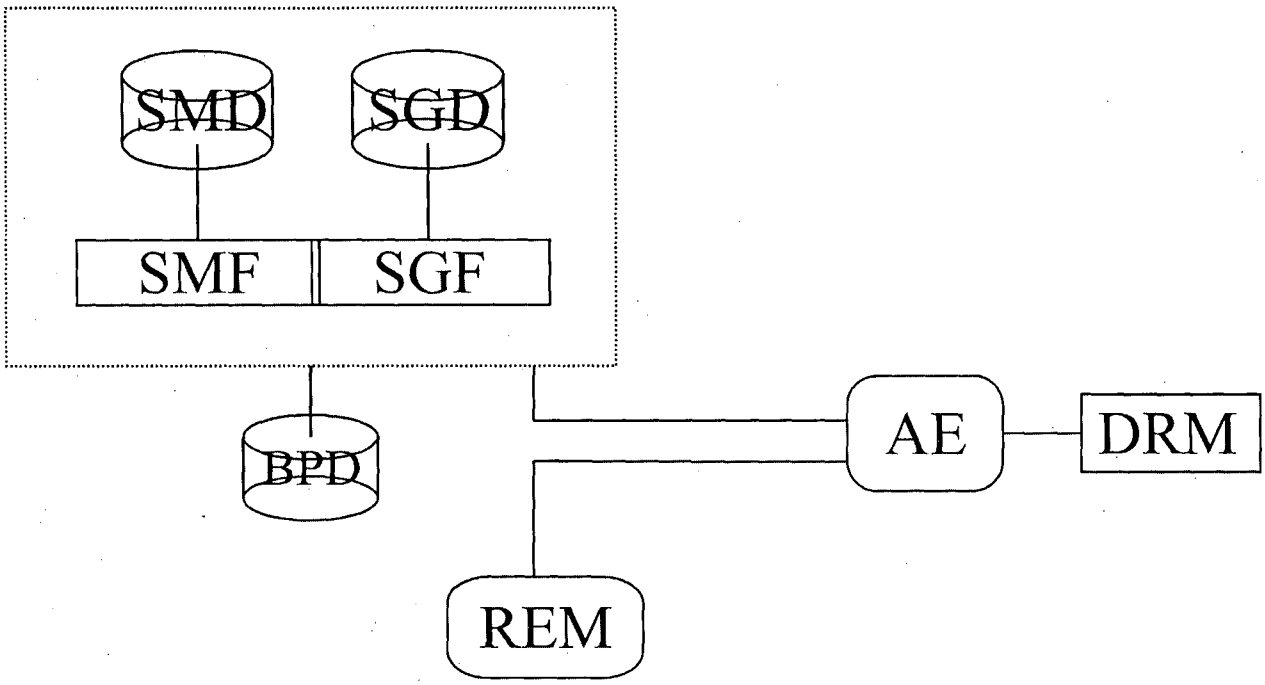

FIGURE 2.1

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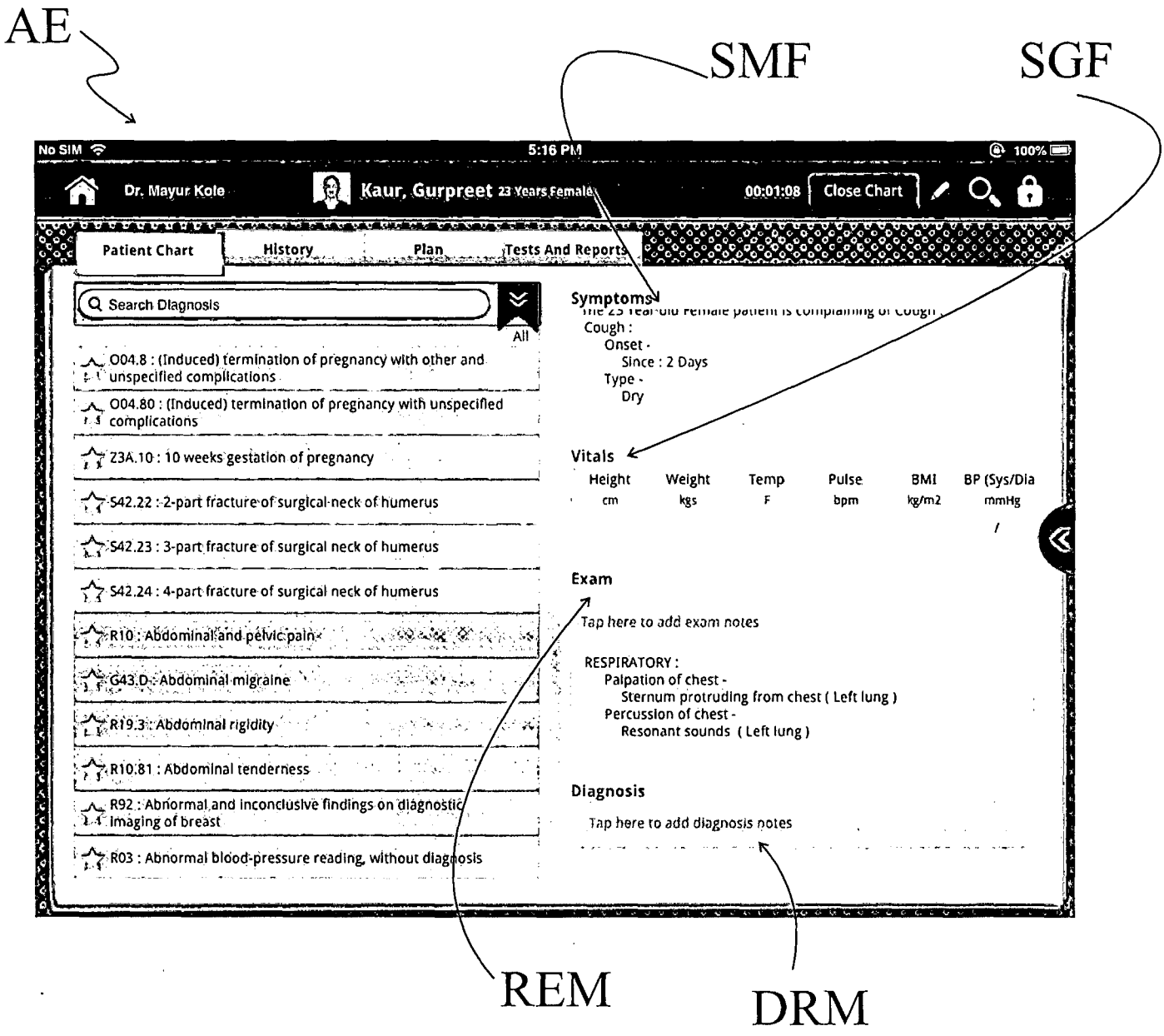


FIGURE 2.2

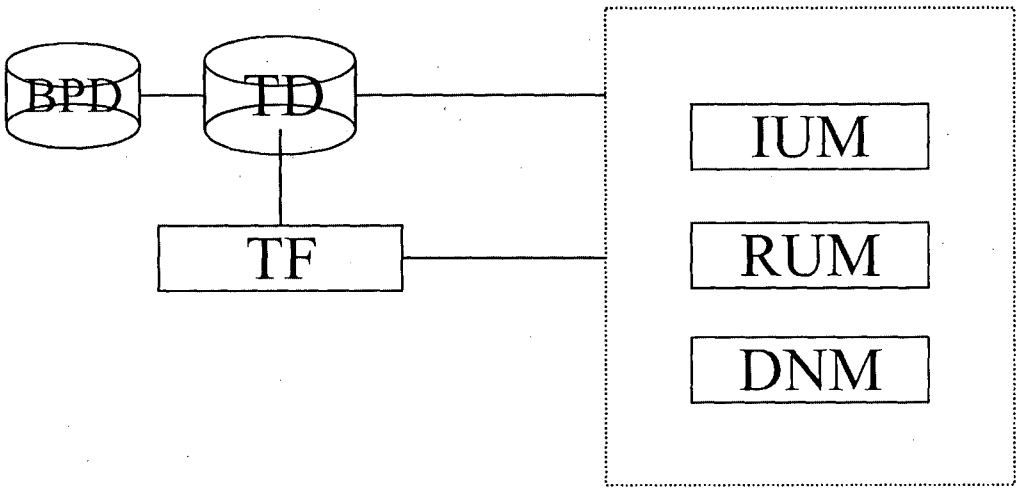
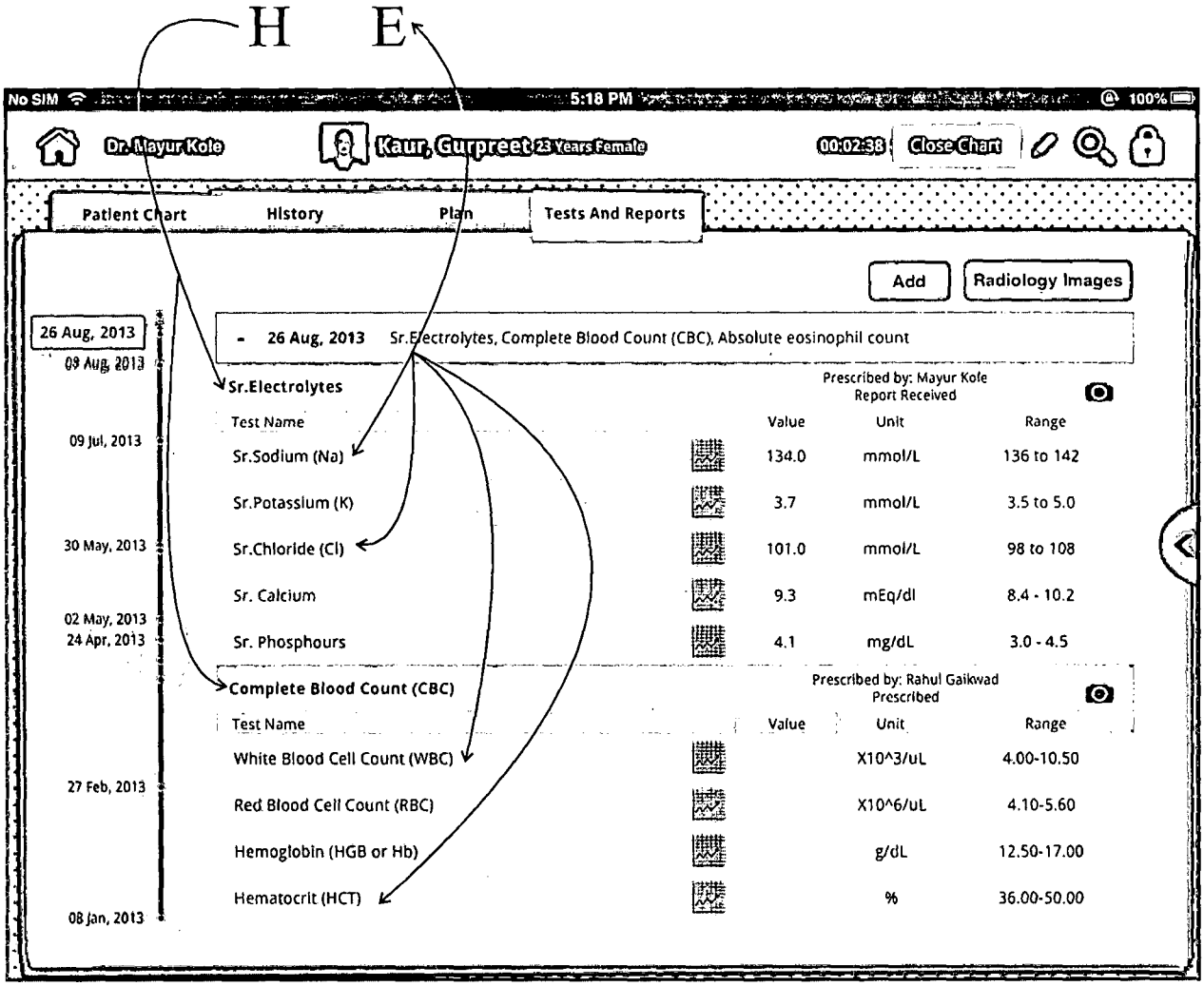


FIGURE 3.1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Tests And Reports
Add
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09 Aug, 2013
09 Jul, 2013
30 May, 2013
02 May, 2013
24 Apr, 2013
27 Feb, 2013
08 Jan, 2013
- 26 Aug, 2013 Sr.Electrolytes, Complete Blood Count (CBC), Absolute eosinophil count
Sr.Electrolytes
Prescribed by: Mayur Kole
Report Received
Test Name
Value
Unit
Range
Sr.Sodium (Na)
134.0
mmol/L
136 to 142
Sr.Potassium (K)
3.7
mmol/L
3.5 to 5.0
Sr.Chloride (Cl)
101.0
mmol/L
98 to 108
Sr. Calcium
9.3
mEq/dl
8.4 - 10.2
Sr. Phosphours
4.1
mg/dL
3.0 - 4.5
Complete Blood Count (CBC)
Prescribed by: Rahul Gaikwad
Prescribed
Test Name
Value
Unit
Range
White Blood Cell Count (WBC)
X10^3/uL
4.00-10.50
Red Blood Cell Count (RBC)
X10^6/uL
4.10-5.60
Hemoglobin (HGB or Hb)
g/dL
12.50-17.00
Hematocrit (HCT)
%
36.00-50.00

FIGURE 3.2

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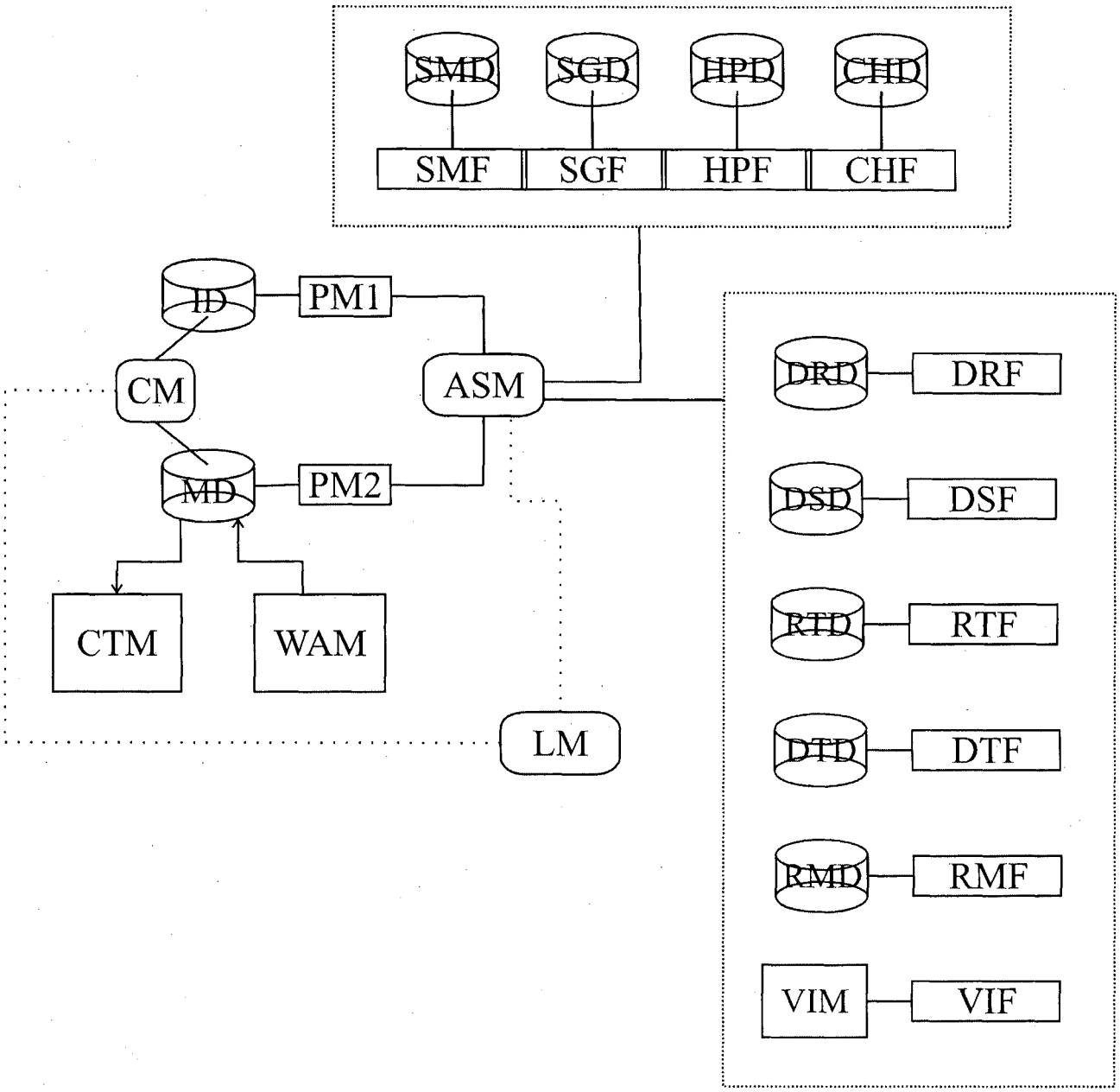

FIGURE 4.1

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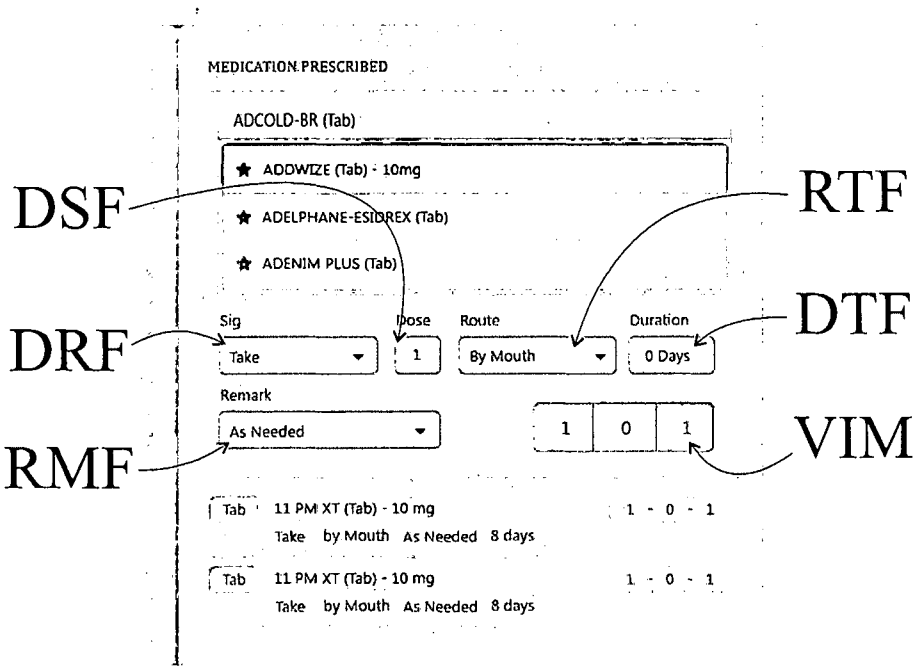

FIGURE 4.2

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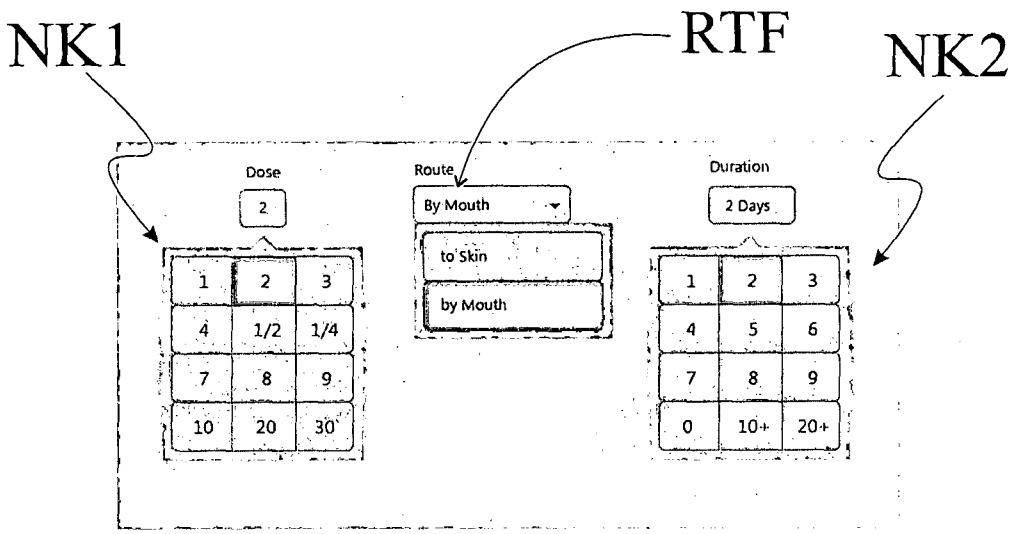

FIGURE 4.3

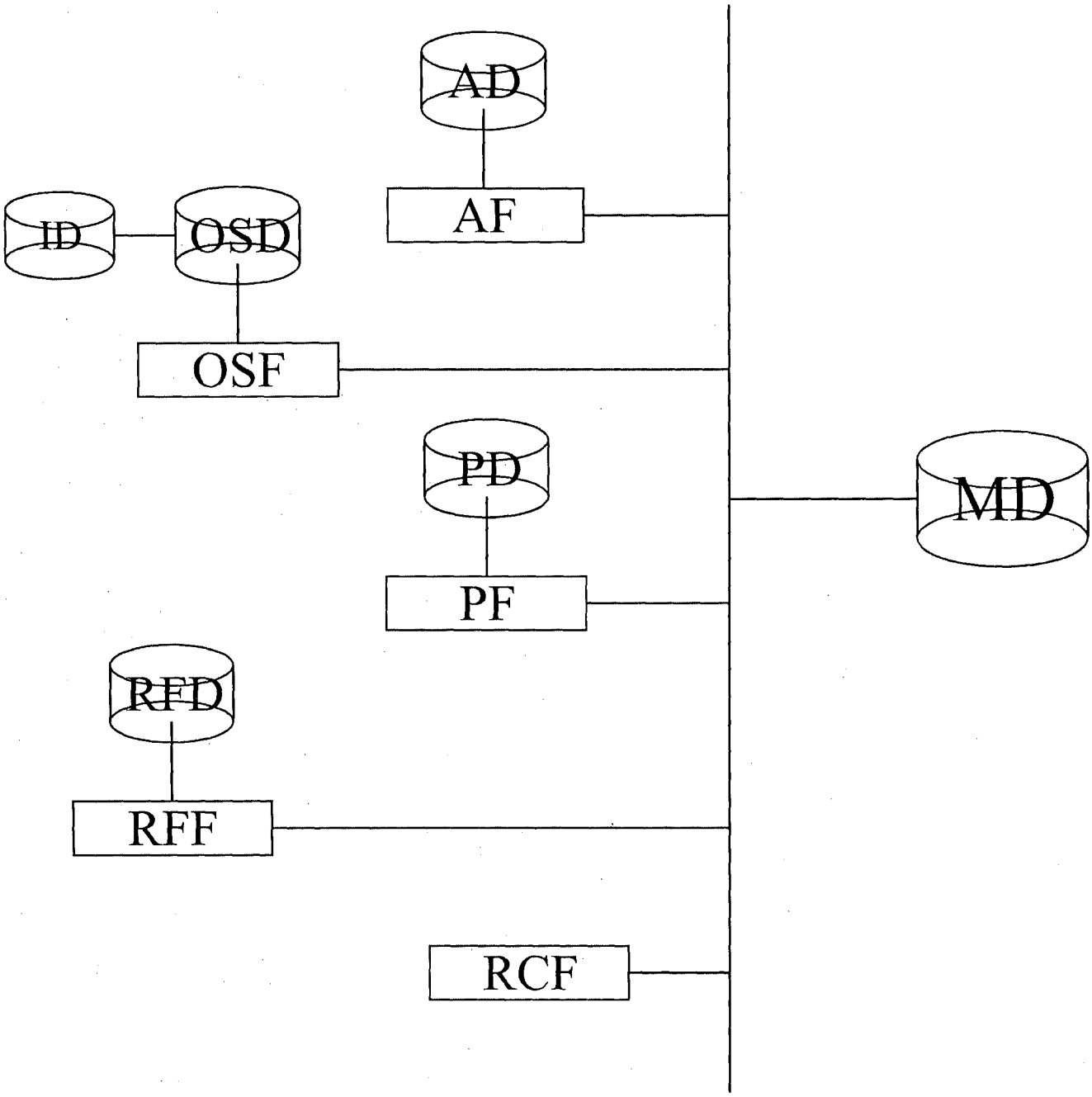

FIGURE 5.1

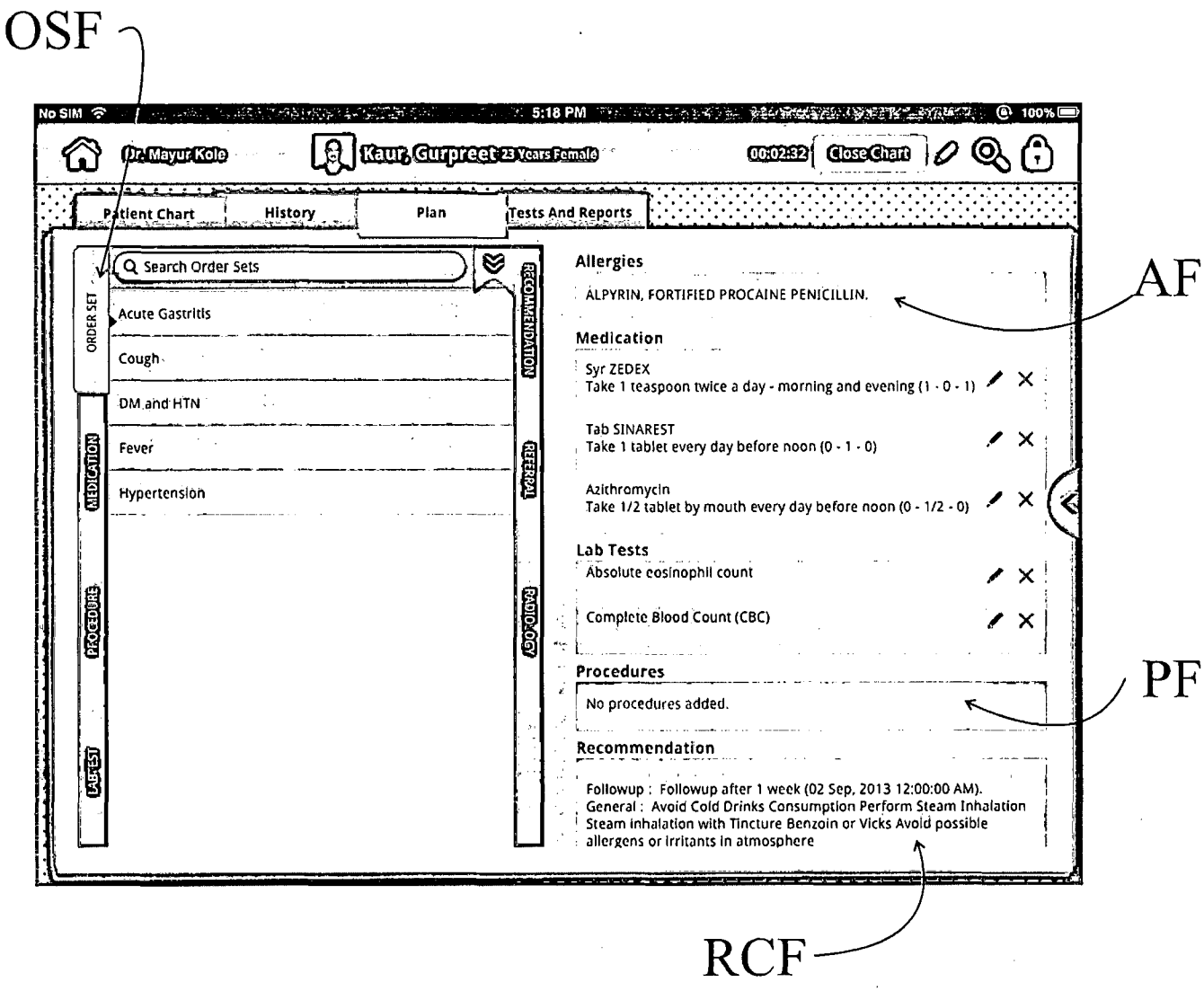
OSF
No SIM
5:18 PM
100%
Dr. Mayur Kole
Kaur, Gurpreet 23 Years Female
00:02:32
Close Chart
Patient Chart
History
Plan
Tests And Reports
Search Order Sets
ORDER SET
Acute Gastritis
Cough
DM and HTN
Fever
Hypertension
MEDICATION
PROCEDURE
LAB TEST
RECOMMENDATION
REFERAL
RADIOLOGY
Allergies
ALPYRIN, FORTIFIED PROCAINE PENICILLIN.
AF
Medication
Syr ZEDEX
Take 1 teaspoon twice a day - morning and evening (1 - 0 - 1)
Tab SINAREST
Take 1 tablet every day before noon (0 - 1 - 0)
Azithromycin
Take 1/2 tablet by mouth every day before noon (0 - 1/2 - 0)
Lab Tests
Absolute eosinophil count
Complete Blood Count (CBC)
Procedures
No procedures added.
PF
Recommendation
Followup : Followup after 1 week (02 Sep, 2013 12:00:00 AM).
General : Avoid Cold Drinks Consumption Perform Steam Inhalation
Steam inhalation with Tincture Benzoin or Vicks Avoid possible
allergens or irritants in atmosphere
RCF

FIGURE 5.1

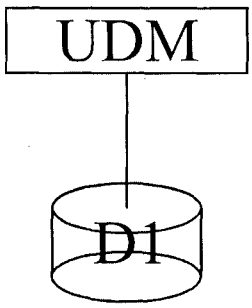

FIGURE 6.1