



(51) International Patent Classification:
G06Q 10/00 (2006.01)

(21) International Application Number:
PCT/IN2010/000638

(22) International Filing Date:
22 September 2010 (22.09.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1963/DEL/2009 22 September 2009 (22.09.2009) IN

(71) Applicant (for all designated States except US):
ANALEC INFOTECH PRIVATE LIMITED [IN/IN];
90/31B, First Floor, Malviya Nagar, New Delhi 110017
(IN).

(72) Inventors: **SARKER, Indrajit R**; A-34, The Pinnacle,
DLF City Phase 5, Gurgaon, Haryana 122002 (IN).
STONE, Colin; A-123, The Pinnacle, DLF Phase 5, Gur-
gaon, Haryana 122002 (IN). **GARG, Ankur**; ED-45C,
Pitampura, Delhi 110034 (IN). **RAJ, Lalit**; Flat No.207,
M-Block, South City, Phase-1, Gurgaon, Haryana (IN).
SUD, Suraj; H. No. 1023, Sector 39, Block-E, Near Sec-
tor-40, Gurgaon, Haryana 122001 (IN). **GUPTA, Shalil**;
E-41, Ground Floor, Suncity, Sector-54, Gurgaon,
Haryana 122001 (IN).

(74) Agent: **THAKUR, Sujit**; ZEUSIP, C-4, Jangpura Exten-
sion, New Delhi 110014 (IN).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD,
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG,
ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted
a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of
the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR PROVIDING FINANCIAL FORECASTING ON LISTED COMPANIES

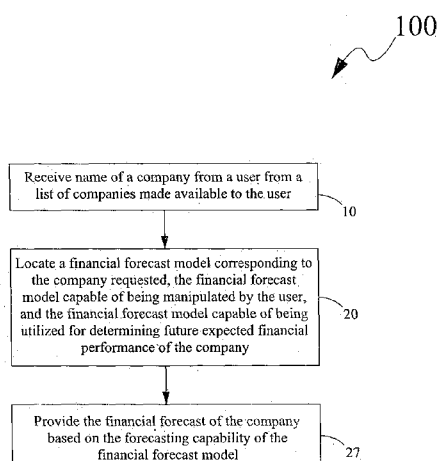


FIG. 1

(57) Abstract: The present disclosure provides a method and system for providing financial forecasting on listed companies. The system includes a receiving module, a locating module, and an application module. The receiving module is configured to receive name of a company from a user, the locating module is configured to locate a financial forecast model corresponding to the company, the financial forecast model capable of being manipulated by the user, and wherein the financial forecast model is capable of being utilized for determining future expected financial performance of the company. The application module is configured to provide the financials of the company based on the forecasting capability of the financial forecast model. The method includes receiving name of a company from a user, locating a financial forecast model corresponding to the company, and providing the financial forecast of the company based on the financial capability of the financial forecast model.



Published:

- *without international search report and to be republished
upon receipt of that report (Rule 48.2(g))*

METHOD AND SYSTEM FOR PROVIDING FINANCIAL FORECASTING ON LISTED COMPANIES

FIELD OF THE DISCLOSURE

5

[0001] The present disclosure generally relates to a method and a system for providing financial forecasting of a listed company, and more particularly, to a method and a system for providing financial forecasting of a listed company based on financial forecast models that may be manipulated.

10

BACKGROUND OF THE DISCLOSURE

[0002] It is important these days to have an adequate understanding about business entities or companies or any business organization before making any financial investment. One of the primary requirements for making an informed investment decision is not only the ease of access to historical financial data on the company in question, but also have the ability to assess future financial performance of the company. The reliance on historical data to drive future financial forecasts, requires a high level of accuracy and integrity in the historical data set as well as transparency in the forecasting methodology applied to each historical line item. This ensures that a timely and accurate financial decision may be made within the sphere of opportunity.

[0003] Existing tools and corporate analytics systems predominantly deliver analytical capability on merely historical financial performance of companies, with little to no capability to run elaborate financial forecasts and estimates, in a well structured and transparent fashion. Such existing solutions and tools also have limited capability to generate financial forecast models related to companies without intensive user interference and analytical throughput. More specifically, such tools may also have limited capabilities to allow the user to manipulate the financial forecast models for providing a financial forecast of the company. Thus, existing tools require time consuming research inputs from their users.

SUMMARY OF THE DISCLOSURE

[0004] In view of the foregoing disadvantages inherent in the prior-art, the general purpose of the present disclosure is to provide a method and a system providing financial forecasting on a range of stock exchange listed companies that is configured to include all advantages of the prior art and to overcome the drawbacks inherent in the prior art offering some added advantages.

[0005] An object of the present disclosure is to provide an advanced tool for providing financial forecast model on a publicly listed company, with the view to deliver forecast manipulation capability, via the software interface, to the user; in order for the user to adjust the future expected financial performance of the company based on their understanding and expectation of future performance on a series of underlying variables that impact the performance of the company in question.

[0006] Another object of the present disclosure is to provide a tool for providing financial forecasts on a company in a user friendly manner.

[0007] Yet another object of the present disclosure is to provide a tool, which includes personalized features that enable a user to select stock exchange listed companies of their interest in a manner suited to their requirements.

[0008] To achieve the above objective, in one aspect, the present disclosure provides a method for providing financial forecasting on a listed company. The method includes receiving name of a company from a user from a list of companies made available to the user. Further, the method includes locating a financial forecast model corresponding to the requested company. The financial forecast model is capable of being manipulated by the user and the financial forecast model is capable of being utilized for determining future expected financial performance of the company. Furthermore, the method includes providing the financial forecast of the company based on the forecasting capability of the financial forecast model.

[0009] In another aspect, the present disclosure provides a computer program product embodied within a computer readable medium. The computer program product encodes a computer program of instructions for executing a computer process for providing financial forecasting on a range of stock exchange listed companies. The

computer process includes receiving name of a company from a user from a list of companies made available to the user. Further, the computer process includes locating a financial forecast model corresponding to the company requested, wherein the financial forecast model is capable of being manipulated by the user, and wherein the financial forecast model is capable of being utilized for determining future expected financial performance of the company. Furthermore, the computer process includes providing the financial forecast of the company based on the forecasting capability of the financial forecast model.

[0010] In yet another aspect, the present disclosure provides a system for financial forecasting on a listed company. The system includes a receiving module configured to receive name of a company from a user from a list of companies made available to the user. Further, the system includes a locating module configured to locate a financial forecast model corresponding to the company, wherein the financial forecast model capable of being manipulated by the user, and wherein the financial forecast model is capable of being utilized for determining future expected financial performance of the company. Further, the system includes an application module configured to provide the financials of the company based on the financial forecast model and the historical data corresponding to the company.

BRIEF DESCRIPTION OF THE DRAWINGS

[0011] The advantages and features of the present disclosure will become better understood with reference to the following detailed description and claims taken in conjunction with the accompanying drawing, in which:

[0012] FIG. 1 is a flow diagram of a method for providing financial forecasting of a listed company, according to an embodiment of the present disclosure;

[0013] FIG. 2 is a flow diagram of a method for generating a financial forecast model, according to an embodiment of the present disclosure;

[0014] FIG. 3 is a block diagram of a system for providing financial forecasting of a listed company, according to another embodiment of the present disclosure;

5 [0015] FIG. 4 is a snapshot depicting validation of the collected data and notification of the user in case of violation;

[0016] FIG. 5 is a flow diagram, which explains the process of validation of the collected data;

10

[0017] FIG. 6 is a snapshot depicting how a user may change assumptions of a parameter in the method 100;

[0018] FIGS. 7 and 8 are snapshots depicting how a user may view the
15 financial statements as released by the company;

[0019] FIG. 9 is a snapshot depicting a summary report generated by method 100;

20 [0020] FIGS. 10-13 are snapshots depicting how a user may be provided with an option of summary report either based on predetermined estimates or based on his/her estimates;

[0021] FIG. 14 is a snapshot depicting company screening based on a
25 screening criteria;

[0022] FIG. 15 is a snapshot depicting a peer group analysis of companies;

[0023] FIG. 16 is a snapshot depicting analysis of impact of a change in an
30 independent variable on a given dependent variable in a created scenario;

[0024] FIGS. 17 and 18 are snapshots depicting summarizing of a comparison between companies in particular portfolios/sectors/indices/regions;

35 [0025] FIG. 19 depicts the logical diagram of the system 200 of FIG. 3;
and

[0026] FIG. 20 diagram depicts the architecture diagram of the system 200 of FIG. 3.

DETAILED DESCRIPTION OF THE DISCLOSURE

5

[0027] The exemplary embodiments described herein detail for illustrative purposes are subject to many variations in structure and design. It should be emphasized, however, that the present disclosure is not limited to a particular method and system for providing financial forecasting on a range of stock exchanged listed companies as shown and described. It is understood that various omissions and substitutions of equivalents are contemplated as circumstances may suggest or render expedient, but these are intended to cover the application or implementation without departing from the spirit or scope of the claims of the present disclosure. Also, it is to be understood that the phraseology and terminology used herein is for the purpose of description and should not be regarded as limiting.

[0028] The use of terms “including,” “comprising,” or “having” and variations thereof herein is meant to encompass the items listed thereafter and equivalents thereof as well as additional items. Further, the terms, “a” and “an” herein do not denote a limitation of quantity, but rather denote the presence of at least one of the referenced item.

[0029] The present disclosure provides a method and a system for providing financial forecasting on a range of stock exchange listed companies. The term financial as mentioned herein includes both historical and forecasted figures of key indicators of the company. Suitable example of the key indicators may include, but not limited to, financial ratios, fixed working capital, income/revenues, profit/ loss, net interest income, and the like. More specifically, the present disclosure provides a method and a system for providing financial forecasting on a range of stock exchange listed companies based on financial forecast models that may be manipulated by the user. It should be understood that the term ‘forecasting’ as used throughout the present disclosure relates to predicting future key performance indicators of a company. The term ‘company’ as described herein may refer to a public limited company (i.e., stock

exchange listed company). However, such definition of the term 'company' should not be construed as a limitation to the present disclosure. Accordingly, the method and the system of the present disclosure may also be applicable for other entities, such as private limited companies and limited liability partnership firms. The method and the system of the present disclosure will now be explained with reference to FIGS. 1-3.

[0030] As shown in FIG. 1, a method 100 for providing financial forecasting of a listed company includes receiving name of a company from a user, at block 10. The user as mentioned herein may be a person interested in accessing financials of the company. Accordingly, a list of companies made available to the user, and the user may prompt the name of the company for which he desires the financials, at block 10. More specifically, the user may enter the name of the company by inputting the name of the company through an input device (not shown), such as a keyboard, a touchpad, or other similar inputting devices.

[0031] Thereafter, the method 100 includes locating a financial forecast model corresponding to the company, at block 20. It will be apparent to a person skilled in the art that the term 'financial forecast model' as mentioned herein refers to a set of relational parameters, which may be used to forecast key financial indicators of a company. Further, it will be apparent to a person skilled in the art that the financial forecast model may be based on a plurality of assumptions. Exemplary set of financial parameters of the financial models of the present disclosure, may include, but not limited to,

1. $\text{EBIT Margin} = \text{EBIT} / \text{Total Revenue}$
2. $\text{Gross Debt to Assets} = (\text{Long Term Debt} + \text{Short Term Debt}) / \text{Total Assets}$
3. $\text{RoCE (\%)} = \text{EBIT} / \text{Avg. Capital Employed}$
4. $\text{Debt Service Cover} = \text{EBITDA} / (\text{Interest} + \text{Debt Repayment})$

However, it should be clearly understood that the set of financial parameters as enlisted above should not be construed as a limitation to the present disclosure. Accordingly, the financial forecast model may include additional set of parameters and variables.

[0032] More specifically, the method 100 may include retrieving the financial forecast model corresponding to the company from a plurality of financial forecast models stored in a database, and more particularly, uploaded in a database.

5 [0033] In one embodiment of the present disclosure, the method 100 may include generating the financial forecast model, uploading the financial forecast model in the database, and then retrieving the generated financial forecast model, at block 20. The generation of the financial forecast model may now be explained with reference to FIG. 2.

10 [0034] As shown in FIG. 2, the generation of the financial forecast model may include collecting data corresponding to the company, at block 32. The data may be collected from primary sources or secondary sources. Suitable examples of the primary sources may include interaction of an analyst from officials of the company. Suitable examples of the secondary sources include collection of the data from sources, such as
15 company databases, annual reports of the companies, websites, and other similar sources. Further, the collecting of the data corresponding to the company may include collecting as reported data of the company. In one embodiment, the collecting data corresponding to the company comprises collecting analyst derived data.

20 [0035] After the collection of the data corresponding to the company, the method of generating the financial forecast model includes verifying the data, at block 34. The verification of the data may involve corroborating the collected data to locate inconsistencies and errors. The step of verification of the data, at block 34, may be
25 performed by the analyst or may also be computer implemented. For example, a computer implemented code may be initiated on the collected data to determine the inconsistencies and the errors.

[0036] After the verification of the collected data, the method of
30 generating financial forecast model includes analyzing the collected data to derive key pointers, at block 36. The term analyzing the data as mentioned herein may refer to deriving insights from the collected data about the company and the inter-relationship of these data points and structuring these insights in form of key pointers and forecasting formulae. Again, the analysis may be done by the analyst or may be computer

[0032] More specifically, the method 100 may include retrieving the financial forecast model corresponding to the company from a plurality of financial forecast models stored in a database, and more particularly, uploaded in a database.

5 [0033] In one embodiment of the present disclosure, the method 100 may include generating the financial forecast model, uploading the financial forecast model in the database, and then retrieving the generated financial forecast model, at block 20. The generation of the financial forecast model may now be explained with reference to FIG. 2.

10 [0034] As shown in FIG. 2, the generation of the financial forecast model may include collecting data corresponding to the company, at block 32. The data may be collected from primary sources or secondary sources. Suitable examples of the primary sources may include interaction of an analyst from officials of the company. Suitable examples of the secondary sources include collection of the data from sources, such as
15 company databases, annual reports of the companies, websites, and other similar sources. Further, the collecting of the data corresponding to the company may include collecting as reported data of the company. In one embodiment, the collecting data corresponding to the company comprises collecting analyst derived data.

20 **[Please provide input on analyst derived data.]**

[0035] After the collection of the data corresponding to the company, the method of generating the financial forecast model includes verifying the data, at block 34. The verification of the data may involve corroborating the collected data to locate
25 inconsistencies and errors. The step of verification of the data, at block 34, may be performed by the analyst or may also be computer implemented. For example, a computer implemented code may be initiated on the collected data to determine the inconsistencies and the errors.

30 [0036] After the verification of the collected data, the method of generating financial forecast model includes analyzing the collected data to derive key pointers, at block 36. The term analyzing the data as mentioned herein may refer to deriving insights from the collected data about the company and the inter-relationship of these data points and structuring these insights in form of key pointers and forecasting

formulae. Again, the analysis may be done by the analyst or may be computer implemented. For example, the data may be interpreted to arrive at key pointers, such as income, expenses, depreciation, liabilities, and other such key pointers.

5 [0037] After the analysis of the data, at block 36, the method of generating the financial forecast model may include deducing the financial forecast model based on the analyzed data, at block 38. More specifically, the method may include inputting the key pointers derived at block 36 in the relational parameters in a forecasting sense to deduce the financial forecast model, at block 38.

10 [0038] The method 100 of the present disclosure may additionally include validating the financial forecast model. The validation of the financial forecast model ensures that the financial forecast model may be free from inconsistencies and reconciliation problems. The validation of the financial forecast model may be based on a
15 plurality of predetermined integrity checks. The validation ensures that in case any of the values is wrongly inputted, the method 100 may not accept the value, and may intimate the user of such inconsistencies and discrepancies.

 [0039] The validation of the collected data ensures total accuracy from an
20 accounting perspective. Further, if the user makes any changes that violate the internal control parameters, these are clearly notified to the level of identification of cells where the violation exists. This may be better understood by referring to FIG. 4.

 [0040] As shown in FIG. 4, if a user inputs any number in the Income
25 Statement sheet of the application, then on clicking model verification tab 252, the user would be prompted a error message 255, such as, "Net interest income for FY2011F does not tally with the items that make up the "Net Interest Income" figure.

 [0041] Moreover, FIG. 5 depicts a flow diagram 257 which explains how
30 the validation of the collected data works with respect to method 100. As shown in FIG. 5, if the method 100 during the validation of the collected data passes the first check, then the forecast items in the data input sheet may be checked so that it matches the pre-determined calculations (accounting checks) that we have defined in the database. Any violation in the number may be highlighted as error. Alternatively, if the method 100

during the validation of the collected data passes the second check, then the user may be allowed to upload the numbers to the central server which may be used as estimates anywhere in the application to run the valuation comparisons.

5 [0042] Now referring again to FIG. 1, after the locating of the financial forecast model, the method 100 may include providing the financial forecast of the company based on the forecasting capability of the financial forecast model, at block 27.

10 [0043] It should be understood that the financial forecast model as described herein may be manipulated by the user. More specifically, each financial forecast model combines historical financial information with forecasting methodologies for individual variables to determine the future expected financial performance of the company, based on a plurality of forecast assumptions. Also, the user may be capable of changing at least one of a plurality of forecasting assumptions, on which the financial
15 forecast model may be based, for manipulating the financial forecast model. Such manipulation feature provides the user an option of customizing the forecasting assumption according to his/ her choice. This is shown with reference to FIG. 6.

20 [0044] As shown in FIG. 6, the user may change these assumptions by right clicking on a parameter 260. A manipulated assumption 265 may then accepted by the method 100.

25 [0045] In one embodiment of the present disclosure, the method 100 may include viewing source of the collected data. Accordingly, the user may drill down to documents from where the collected data is sourced. Also, the user may download such data if required. This gives the user an option of quickly verifying the authenticity and integrity of the collected data, in terms of its sourcing, by electing to view the source documents. For example, if the user intends to drill down to source of a key indicator, such as operating profit, then the user may be able to view the as reported financial
30 statements of the company with the operating profit indicator highlighted. This viewing source of the collected data is as shown in FIGS. 7 and 8.

 [0046] As shown in FIG. 7, a user may view the financial statements as released by the company by referring to associated files section 300 on right hand side of

the application. The section 300 includes all source documents like annual reports and corporate presentations.

5 [0047] As shown in FIG. 7 and FIG. 8, a user may also “right click” on a particular cell in the application to retrieve the source document corresponding to the collected data. If the user clicks on the collected data, and selects drill-down to source option 310, it brings the user to the source document 320 with the specific data highlighted in yellow.

10 [0048] In one embodiment of the present disclosure, the method 100 may further include generating analytical charts based on the financials of the company. In one embodiment of the present disclosure, the method 100 may include generating analytical charts may include generating charts based on a user defined criteria. More specifically, the method 100 may include reorganizing data about the key indicators, and thereafter
15 using the data to prepare the analytical charts.

[0049] In yet another embodiment, the present disclosure provides generating summary reports using generated forecasts of method 100. Exemplary summary report is as shown in FIG. 9. The method may generate four kinds of reports:
20 Company Profile, One Pager Report, Two Pager Report, and Company Report. However, the generation of the aforementioned reports should not be construed as a limitation to the present disclosure.

[0050] Further, the method 100 gives an option to the user to generate the
25 summary reports based on his/her estimates or predetermined estimates. As shown in FIG. 10, the application provides the user with two options for each type of summary report. First, the application provides the user with an option of summary reports based on predetermined estimates 330. Second, the application provides the user with an option of summary report based on his/her estimates 335. If the user chooses the predetermined
30 estimates 330 option, a summary report similar to that shown in FIG. 9 is generated.

[0051] If the user chooses the option of generating summary report based on his/her estimates, then the user may be allowed to manipulate any assumption. For example, the user may manipulate the Total Revenue Figure 340 as shown in FIG. 11 by
35 changing Average Revenue per Minute in the financial forecast model sheet

corresponding to the Total Revenue Figure 340 from a figure 345 of 0.7 to a figure 350 of 55 NT\$ per minute as shown in FIG. 12. The change may reflect in the summary report as shown by figure 355 in FIG. 13.

5 [0052] In yet another embodiment of the present disclosure, the method 100 may also include creating scenarios and view the companies that fall into the scenario. More specifically, the user may have an option of creating new scenarios based on plurality of filters available. This allows the user to view some of the key financial parameters associated with companies.

10 [0053] The company screening may rely on fundamental and valuation data, and may deliver a focused list of companies for the subscriber. The company screening as described herein may be better understood in conjunction with reference to FIG. 14.

15 [0054] As shown in FIG. 14, the company screening may include a screening criteria section 375 and a list of companies 380.

20 [0055] In one embodiment of the present disclosure, the method 100 may further include performing a peer group analysis of the company. The peer group analysis may include comparing financials of the company to the financials of competitor companies. Further, the peer group analysis may include presenting the result of the comparison to the user. The peer group analysis may be shown with reference to FIG. 15.

25 [0056] In yet another embodiment of the present disclosure, the method 100 may include analyzing impact of a change in an independent variable on a given dependent variable in a created scenario. This analysis may be as shown in FIG. 16.

30 [0057] As shown in FIG. 16, a sensitivity detail section 400 presents the user with an option to change the independent variable. The analysis of the sensitivity is shown in the output grid section 410.

35 [0058] In addition, the method 100 also enables the user to summarize comparison between companies in particular portfolios/sectors/indices/regions, which are under coverage of the firm for various parameters. The user may select companies,

forecast items, forecast periods for summarizing the comparison. The summarizing may be depicted by FIG. 17. The summary may be shown in FIG. 18.

[0059] Further, the present disclosure provides a computer program product embodied within a computer readable medium. The computer program product encodes a computer program of instructions for executing a computer process to provide financial forecast of a listed company. The computer process includes receiving name of a company from a user from a list of companies made available to the user. Further, the computer process includes locating a financial forecast model corresponding to the company. The financial forecast model as described herein is similar to the financial forecast model described above. Accordingly, the financial forecast model is capable of being manipulated by the user, and wherein the financial forecast model is capable of being utilized for determining future expected financial performance of the company.

[0060] After, the location of the financial forecast model, the computer process includes providing the financials of the company based on the forecasting capability of the financial forecast model.

[0061] The computer process may further include generating the financial forecast model. The generating of the financial forecast model is similar to the generating of the financial forecast model as described above. Accordingly, the generating of the financial forecast model includes collecting data corresponding to the company. The collecting of the data corresponding to the company includes collecting as reported data of the company. In one embodiment of the present disclosure, the collecting data corresponding to the company comprises collecting analyst derived data. Thereafter, the computer process may include verifying the data, analyzing the collected data, and deducing the financial forecast model based on the analysis.

[0062] The computer process may further include validating the financial forecast model, the validating of the data based on a plurality of predetermined integrity checks, comprising of accounting and reconciliation checks. The validation may be similar to the validation described above with reference to FIG. 1. Further, the validation may include intimating the user based on the result of the validation.

[0063] Also, the computer process may include viewing source of a data element of the collected data, wherein locating the financial forecast model comprising retrieving the model from a database of uploaded models.

5 [0064] In an embodiment of the present disclosure, the computer process may include screening companies based on investment criteria comprising one or more of sector, country, investment characteristics, and fundamental and valuation filters. Further, the computer process may include performing a peer group analysis comprising comparing financials of the company to the financials of competitor companies. The
10 computer process may also include generating analytical charts based on the data of the company. The generation of analytical charts may include generating charts based on a user defined criteria.

[0065] In another aspect, the present disclosure provides a system for
15 providing financial forecasting of a listed company. The system will be explained in details with reference to FIG .3. As shown in FIG. 3, the system 200 includes a receiving module 210 configured to receive name of a company from a user from a list of companies made available to the user. Further, the system 200 includes a locating module 230 coupled to the receiving module 210. The locating module 230 may be configured to
20 locate a financial forecast model corresponding to the company in a database 235 having a plurality of uploaded financial forecast models. It should be understood that the financial forecast model may be capable of being manipulated by the user. Further, the financial forecast model is capable of being utilized for determining future expected financial performance of the company.

25 [0066] In one embodiment, the locating module 230 may also include a generating module 237 configured to generate the financial forecast model. More specifically, the generating module 237 may be configure to collect data corresponding to the company from primary and secondary sources using a collecting module 239, verify
30 the data, analyze the collected data, and deduce the financial forecast model based on the analysis.

[0067] In addition, the system 200 includes an application module 240 coupled to the locating module 230. The application module 240 may be configured to provide the financials of the company based on the financial forecast model.

5 [0068] The system 200 may further include a storage module (not shown in FIG. 3), which may fulfill the storage requirement of the system 200. For example, the storage module may be configured to store the financial forecast model generated by the locating module 230.

10 [0069] The system 200 may include a manipulating module (not shown) adapted to allow a user to change at least one of a plurality of forecasting assumptions for manipulating the financial forecast model.

[0070] The system 200 may furthermore include a validating module
15 configured to validate the financial forecast model, wherein the validating of the financial forecast model is based on a plurality of predetermined integrity checks. The plurality of predetermined integrity checks are similar to the integrity checks described above.

[0071] The system 200 may additionally include a screening module (not
20 shown) configured to screen companies based on investment criteria, such as, sector, country, investment characteristic and fundamental and valuation filters. Further, the system 200 may include a peer group analysis (not shown) module configured to perform a peer group analysis of the company. The peer group analysis module comprises a comparison module configured to compare financials of the company to financials of
25 competitor companies. Further, the system 200 includes a chart generation module configured to generate charts based on the financials of the company. In one embodiment, the chart generating module is configured to generate charts based on a user defined criteria.

30 [0072] The system 200 may be better understood by considering the logical diagram of the system 200 as shown in FIG. 19, and the architecture diagram of the system 200 as shown in FIG. 20.

[0073] As shown in FIG. 19, the system 200 may include multiple servers
35 500 (Web servers and database servers), and multiple users 502 connected to the multiple

servers 500 for data retrieval via internet. The input message, inquiry or request by one of the multiple users 502 is transferred via standard transport protocol, such as PORT 80 using SOAP technology, to the network hardware and then finally to web servers 502. The network hardware also checks the load between multiple web servers. It will be apparent to a person skilled in the art that SOAP is the simple Object Access Protocol, a way to create widely distributed, complex computing environments that run over the Internet using the existing Internet infrastructure. It is about applications communicating directly with each other over the Internet in a very rich way. Further, SOAP mandates the small number of HTTP headers that facilitates firewall/proxy settings.

10

[0074] The web servers sends the query to the database servers which then sends the output back to web servers to transfer via network switch to the particular user 500.

15

[0075] The architecture of the system 200 may be Windows based three tiers WPF (Windows Presentation Foundation), as depicted in FIG. 19. As shown in FIG. 19, the first layer is the user interface and the business access layer, wherein the user accesses the system through their workstations. The signal from user interface travels to web server where web service are installed at port 80/443. The signal travelling to web server via internet may be encrypted. The users are then authenticated with username and password check, and after this the signal goes to core libraries where there is security enabled for access rights of users. This layer may have database access where the data is encrypted for communication with database. The database used is MS SQL Server 2005. The encrypted signal goes to the database which contains primary and audit databases. The database has the stored procedures and the data for the system 200. The signal travels back to the user interface with the required information from the database.

20

25

30

[0076] The present disclosure therefore provides a method, such as method 100, and a system, such as system 200, for providing financial forecasting of a listed company. The method includes receiving name of a company from a user, and locating a financial forecast model corresponding to the company. The financial forecast model is capable of being manipulated by the user. Further, the method includes providing the financials of the company based on the forecasting capability of the

financial forecast model. The system includes a receiving module configured to receive name of a company from a user, and a locating module coupled to the receiving module. The locating module is configured to locate a financial forecast model corresponding to the company. Further, the system includes an application module coupled to the locating
5 module and the collection module. The application module configured to provide the financials of the company based on the historical data and the financial forecast model. Further, the present disclosure provides a computer process for providing financial forecasting of a listed company. The system, the method and the computer process give significant value to the customer in terms of reduced analysis, conversion and testing
10 timeframe to forecast the future financial performance of a business entity or a company or a company listed in any stock exchange. Further, the system, the method and the computer process lowers the total cost of ownership of the financial platform for the client. Also, the system, the method and the computer process empowers a user of the information to form a fundamental view on a company within hours, delivering
15 significant speed of decision-making. The method, system, and the computer process also allows quick generation of reports corresponding to companies, macro screening of companies, and peer group comparisons between companies.

[0077] In addition, the financial forecast models as described in the
20 present disclosure are industry and company specific, keeping in mind in mind the specifics of each industry group and, in particular, each company's dynamics. Also, the financial forecast models are completely transparent in terms of methodology and information sourcing. Moreover, the financial forecast models are based on clear methodologies, provides complete transparency on the various formulae that drive
25 forecasting as well as the underlying assumptions being used and the rationale for their use.

[0078] The foregoing descriptions of specific embodiments of the present disclosure have been presented for purposes of illustration and description. They are not
30 intended to be exhaustive or to limit the present disclosure to the precise forms disclosed, and obviously many modifications and variations are possible in light of the above teaching. The embodiments were chosen and described in order to best explain the principles of the present disclosure and its practical application, to thereby enable others skilled in the art to best utilize the present disclosure and various embodiments with

various modifications as are suited to the particular use contemplated. (It is understood that various omission and substitutions of equivalents are contemplated as circumstance may suggest or render expedient, but such are intended to cover the application or implementation without departing from the spirit or scope of the claims of the present disclosure).

5

CLAIMS

What is claimed is:

- 5 1. A method for providing financial forecasting on a listed company, the method comprising:
- receiving name of a company from a user from a list of companies made available to the user;
- locating a financial forecast model corresponding to the company requested,
- 10 wherein the financial forecast model is capable of being manipulated by the user, and wherein the financial forecast model is capable of being utilized for determining future expected financial performance of the company; and
- providing the financial forecast of the company based on the forecasting capability of the financial forecast model.
- 15 2. The method of claim 1, wherein locating the financial forecast model comprises retrieving the financial forecast model from a database of uploaded models.
3. The method of claim 1, wherein locating the financial forecast model
- 20 comprises generating the financial forecast model.
4. The method of claim 3, wherein generating the financial forecast model comprises:
- collecting data corresponding to the company;
- 25 verifying the data;
- analyzing the collected data; and
- deducing the financial forecast model based on the analyzed data.
5. The method of claim 4 further comprising storing the collected data.
- 30 6. The method of claim 4 further comprising viewing source of a data element of the collected data.

7. The method of claim 4, wherein collecting data corresponding to the company comprises collecting data from primary sources.

8. The method of claim 4, wherein collecting data corresponding to the
5 company comprises collecting data from secondary sources.

9. The method of claim 4, wherein collecting data corresponding to the company comprises collecting as reported data of the company.

10. The method of claim 4, wherein collecting data corresponding to the
10 company comprises collecting analyst derived data.

11. The method of claim 1 further comprising validating the financial forecast model, wherein the validating of the financial forecast model is based on a plurality of
15 predetermined integrity checks comprising of accounting and reconciliation checks.

12. The method of claim 11 further comprising intimating result of the validation to the user.

13. The method of claim 1, wherein each financial forecast model combines
20 historical financial information with forecasting methodologies for individual variables to determine the future expected financial performance of the company, based on a plurality of forecast assumptions.

14. The method of claim 13, wherein the user is capable of changing at least
25 one of the plurality of forecasting assumptions for manipulating the financial forecast model for future time periods on expected performance.

15. The method of claim 1 further comprising generating quick reports
30 corresponding to the company based on the manipulated financial forecast model.

16. The method of claim 1 further comprising screening the companies
based on investment criteria comprising one or more of sector, country, investment
characteristic, and fundamental and valuation filters.

35

17. The method of claim 1 further comprising performing a peer group analysis of the company based on the financials.

18. The method of claim 17, wherein performing the peer group analysis
5 comprises comparing financials of the company to financials of competitor companies.

19. The method of claim 1 further comprising generating analytical charts based on financials of the company.

10 20. The method of claim 19, wherein generating analytical charts comprises generating charts based on a user defined criteria.

21. A computer program product, the computer program product embodied within a computer readable medium, the computer program product encoding a computer
15 program of instructions for executing a computer process for providing financial forecasting on a listed company, the computer process comprising:

receiving name of a company from a user from a list of companies made available to the user;

20 locating a financial forecast model corresponding to the company requested, wherein the financial forecast model is capable of being manipulated by the user, and wherein the financial forecast model is capable of being utilized for determining future expected financial performance of the company; and

providing the financial forecast of the company based on the forecasting capability of the financial forecast model.

25

22. The computer program product of claim 21; wherein locating the financial forecast model comprises generating the financial forecast model.

23. The computer program product of claim 22, wherein generating the
30 financial forecast model comprises:

collecting data corresponding to the company;

verifying the data;

analyzing the collected data; and

deducing the financial forecast model based on the analysis.

24. The computer program product of claim 23 further comprising storing the data.

5 25. The computer program product of claim 21 further comprising validating the financial forecast model, wherein the validating of the financial forecast model is based on a plurality of predetermined integrity checks, comprising of accounting and reconciliation checks.

10 26. The computer program product of claim 25 further comprising intimating result of the validation to the user.

27. The computer program product of claim 23 further comprising viewing source of a data element of the collected data.

15 28. The computer program product of claim 23, wherein collecting data corresponding to the company comprises collecting as reported data of the company.

29. The computer program product of claim 23, wherein collecting data
20 corresponding to the company comprises collecting analyst derived data.

30. The computer program product of claim 21, wherein each financial forecast model combines historical financial information with forecasting methodologies for individual variables to determine the future expected financial performance of the
25 company, based on a plurality of forecast assumptions.

31. The computer program product of claim 30, wherein the user is capable of changing at least one of the plurality of forecasting assumptions for manipulating the financial forecast model for future time periods on expected performance.

30 32. The computer program product of claim 21, wherein locating the financial forecast model comprises retrieving the model from a database of uploaded models.

33. The computer program product of claim 21 further comprising screening companies based on investment criteria comprising one of sector, country, investment characteristics, and fundamental and valuation filters.

5 34. The computer program product of claim 21 further comprising performing a peer group analysis of the company based on the financials.

35. The computer program product of claim 34 wherein performing the peer group analysis comprises comparing financials of the company to the financials of competitor companies.
10

36. The computer program product of claim 21 further comprising generating analytical charts based on financials of the company.

15 37. The computer program product of claim 36, wherein generating analytical charts comprises generating charts based on a user defined criteria.

38. The computer program product of claim 21 further comprising generating quick reports corresponding to the company based on the manipulated financial forecast model.
20

39. A system for providing financial forecasting on a listed company, the system comprising:

a receiving module configured to receive name of a company from a user from a list of companies made available to the user;
25

a locating module configured to locate a financial forecast model corresponding to the requested company, wherein the financial forecast model is capable of being manipulated by the user, and wherein the financial forecast model is capable of being utilized for determining future expected financial performance of the company; and

30 an application module configured to provide the financial forecast of the company based on the forecasting capability of the financial forecast model.

40. The system of claim 39 further comprising a database configured to store the financial forecast model.

35

41. The system of claim 39, wherein the locating module comprises a generating module configured to generate the financial forecast model.

42. The system of claim 41, wherein the generating module is further
5 configured to:

collect data corresponding to the company;
verify the data;
analyze the collected data; and
deduce the financial forecast model based on the analysis.

10

43. The system of claim 41, wherein the generating module is configured to collect data from primary sources and second sources.

15

44. The system of claim 39, further comprising a validating module configured to validate the financial forecast model, wherein the validating of the financial forecast model is based on a plurality of predetermined integrity checks, comprising of accounting and reconciliation checks.

20

45. The system of claim 39 further comprising a manipulating module adapted to allow a user to change at least one of a plurality of forecasting assumptions for manipulating the financial forecast model.

25

46. The system of claim 39 further comprising a screening module configured to screen companies based on sector, country, investment characteristics, and fundamental and valuation filters.

47. The system of claim 39 further comprising a peer group analysis module configured to perform a peer group analysis of the company.

30

48. The system of claim 47, wherein the peer group analysis module is configured to compare financials of the company to financials of competitor companies.

49. The system of claim 39 further comprising a chart generation module configured to generate charts based on financials of the company.

35

50. The system of claim 49, wherein chart generating module is configured to generate charts based on a user defined criteria.

51. The system of claim 50 further comprising a collecting module configured
5 to collect historical data corresponding to the company.

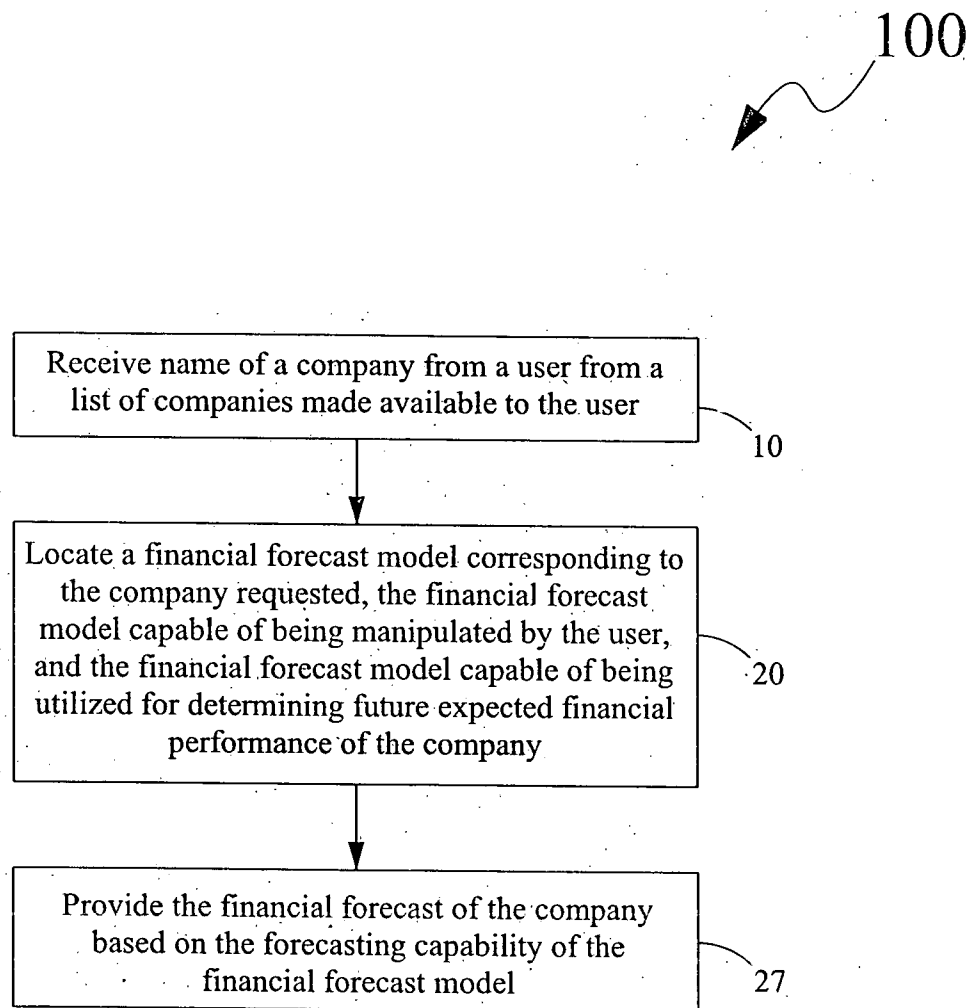


FIG. 1

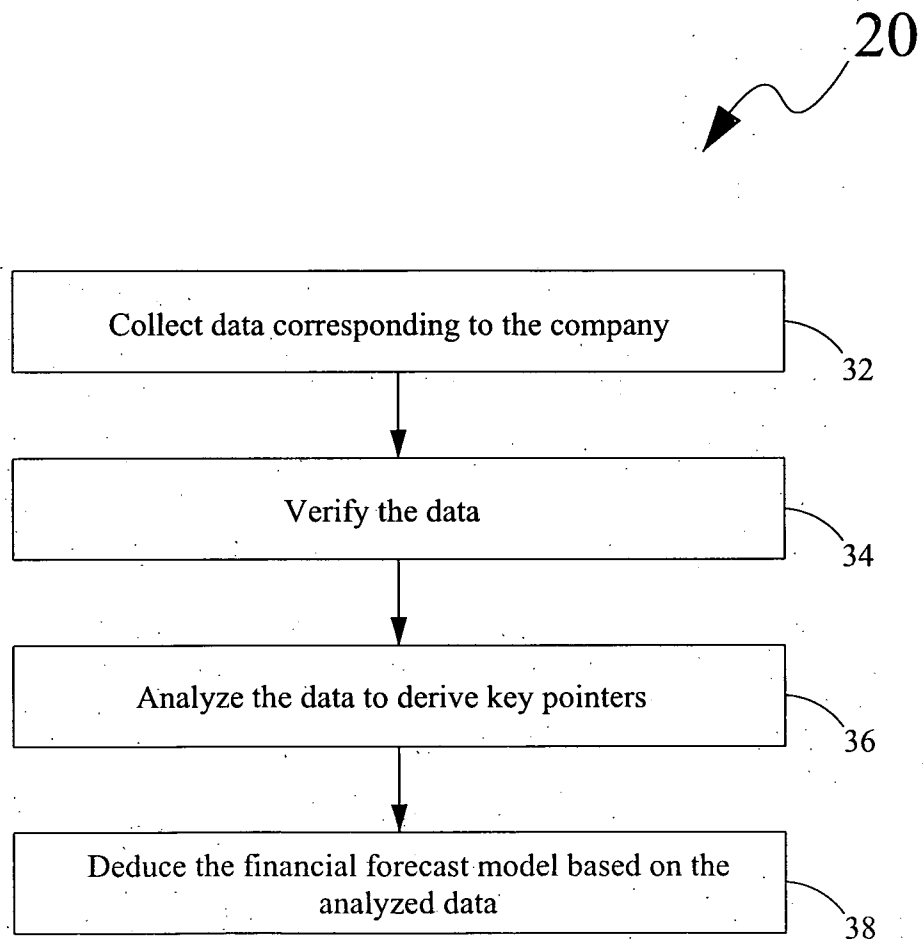


FIG. 2

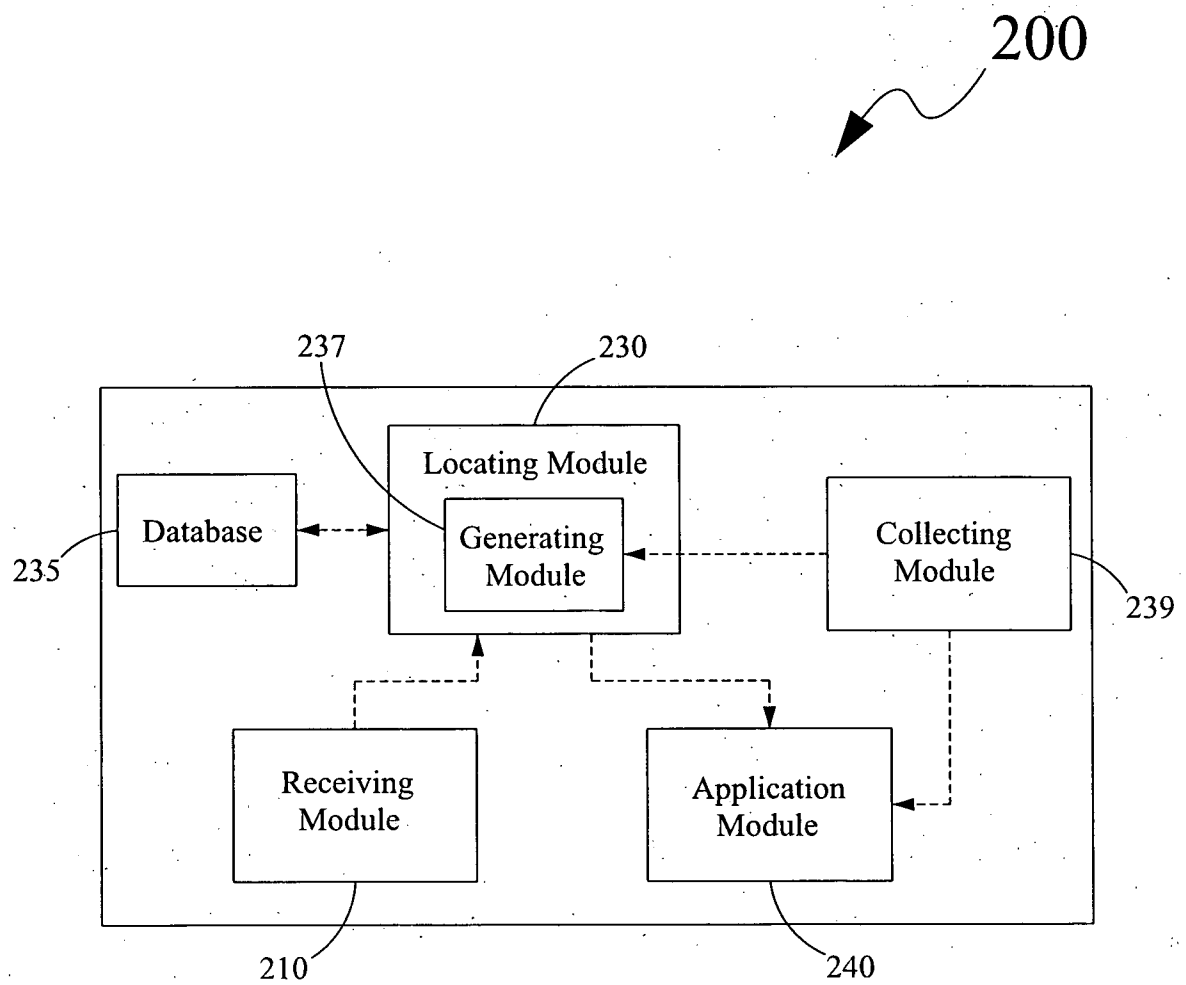


FIG. 3

252

ANALEC ModelViewer® Verification		
! 1 Errors ⚠ 2 Warnings		
Status	Information	Section
⚠	"Interest Expense" for the year FY2005A has changed by over 100%	Income Statement
⚠	"Interest Income" for the year FY2010F has changed by over 100%	Income Statement
⚠	Net Interest Income for FY2011F does not tally with the items that make u	Income Statement

255

FIG. 4

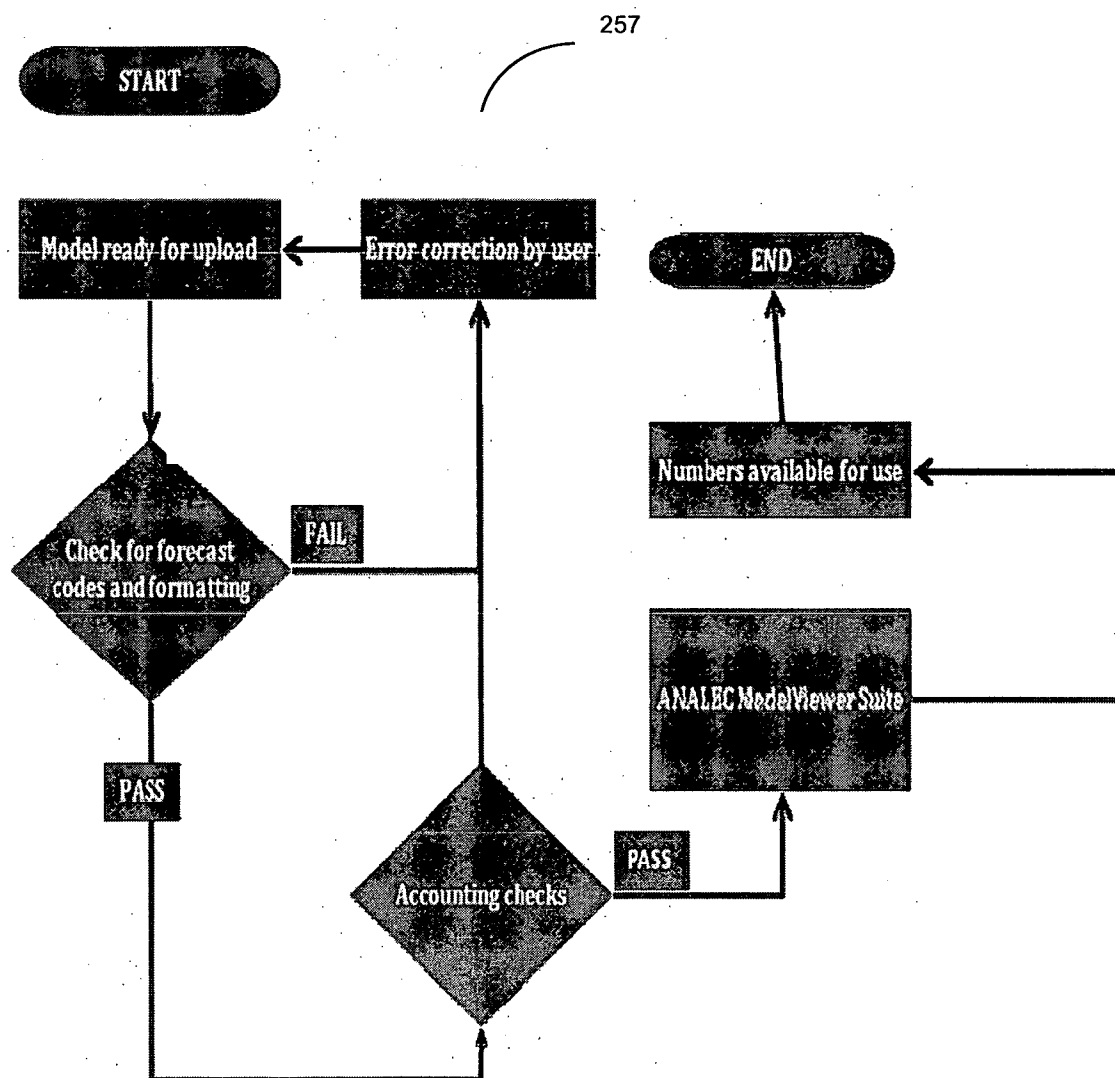


FIG. 5

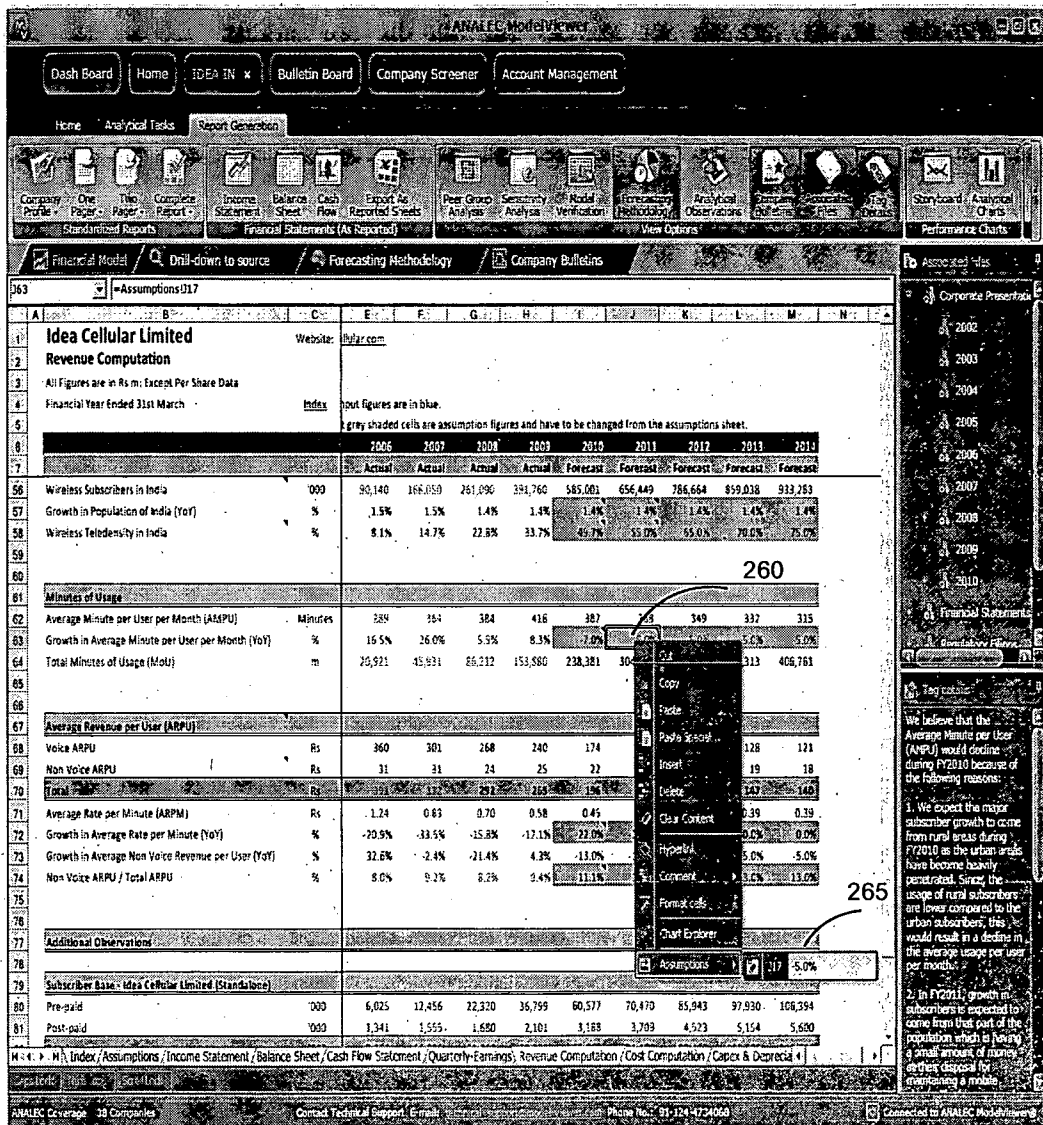


FIG. 6

ANALYTIC Model Viewer

Dashboard Home IDEA IS Bulletin Board Company Screener Account Management

Home Analytical Tasks Report Generation

Copy Print Close Top Complete Refresh Financial Statements Cash Flow Export to Excel Forecast Analysis Scenario Analysis Model Verification Analytical Observations Performance Charts

Standardized Reports Financial Statements (As Reported) Forecasting Methodology Company Bulletins Model Verification

Financial Model Drill-down to source Forecasting Methodology Company Bulletins Model Verification

12472.7

Idea Cellular Limited
Cash Flow Statement
All Figures are in Rs m. Except Per Share Data
Financial Year Ended 31st March

Website: www.ideacellular.com

Note 1: All input figures are in blue.
Note 2: Light grey shaded cells are assumption figures and have to be changed from the assumptions sheet.

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
		Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast
Cash Flow from Operating Activities											
Net Profit After Tax	Rs m	663	2,118	5,022	10,413	8,816	8,569	16,967	24,302	35,490	40,565
Adjustments for:											
Depreciation	Rs m	4,412	4,451	5,637	7,569	17,830	16,633	18,244			
Amortisation of Intangible Assets	Rs m	-	1,044	1,061	1,109	3,519	3,873	4,141			
Interest Charge	Rs m	3,169	2,223	3,051	4,582	6,689	6,689	6,689			
Profit on Sale of Current Investment	Rs m	(15)	(15)	(81)	(432)	60	39	289			
Provision for Bad & Doubtful Debts / Advances	Rs m	219	307	568	245	-	-	-			
Employee Stock Option Cost	Rs m	-	-	-	58	-	-	-			
Provision for Gratuity and Leave Encashment	Rs m	116	82	160	54	85	97	105			
Provision for Current Tax	Rs m	-	34	0	436	1,822	3,086	4,432			
MAT Credit Entitlement	Rs m	-	-	-	(425)	-	-	-			
Provision for Deferred Tax	Rs m	-	-	11	450	-	-	-			
Provision for Fringe Benefit Tax	Rs m	-	47	59	74	-	-	-			
Liability no Longer Required Written Back	Rs m	-	(155)	(179)	(140)	(2,135)	(3,115)	(5,504)			
Interest Income	Rs m	(53)	(17)	(171)	(809)	-	-	-			
(Profit) / Loss on Sale of Fixed Assets / Assets Discarded	Rs m	1	0	(2)	9	-	-	-			
Sub Total	Rs m	7,913	8,958	9,919	13,010	21,750	28,713	28,195			
Operating Profit Before Working Capital Changes	Rs m	8,597	11,108	14,561	23,483	34,693	42,713	48,569			
Changes in Current Assets and Current Liabilities											
(Increase) / Decrease in Sundry Debtors	Rs m	(615)	(127)	(530)	(106)	(1,546)	194	(1,447)			
(Increase) / Decrease in Inventories	Rs m	(69)	61	(70)	(97)	(235)	392	(490)			
(Increase) / Decrease in Other Current Assets	Rs m	(251)	(167)	28	163	(544)	(205)	(147)			
(Increase) / Decrease in Loans and Advances	Rs m	4	(453)	(2,091)	(5,282)	(5,724)	(1,493)	(1,072)			
Increase / (Decrease) in Current Liabilities	Rs m	80	2,458	3,861	6,242	15,360	(6,034)	14,823			

Drill-down to source
Copy
Print
Paste
Insert
Delete
Clear Content
Hyperlink
Comment
Format cells
Chart Wizard
Merge Cells
Unmerge Cells

ANALYTIC Coverage: 99 Companies Contact Technical Support Email: info@analytic.com Phone No.: 91-11-47741053 Connected to ANALYTIC Model Viewer

300

310

FIG. 7

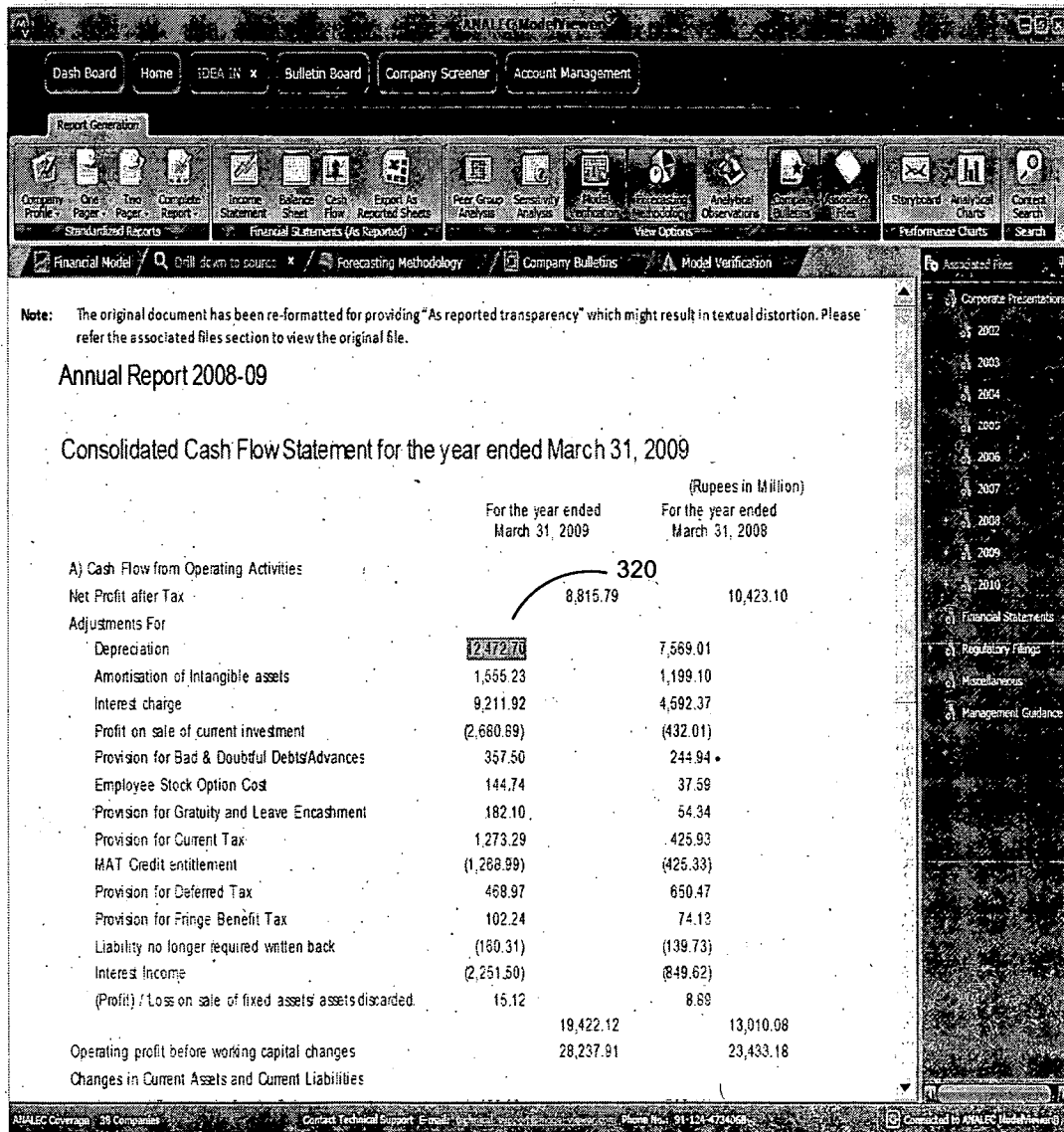


FIG. 8

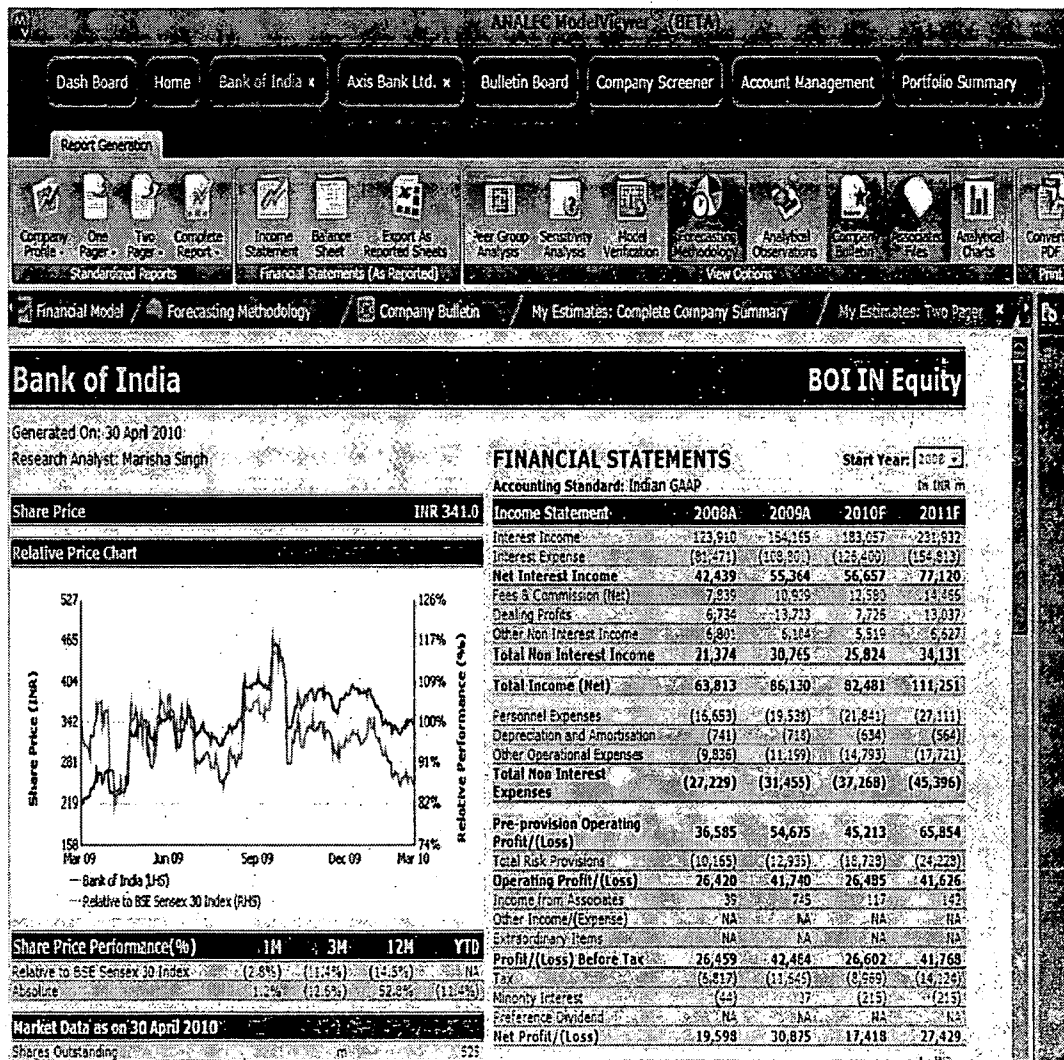


FIG. 9

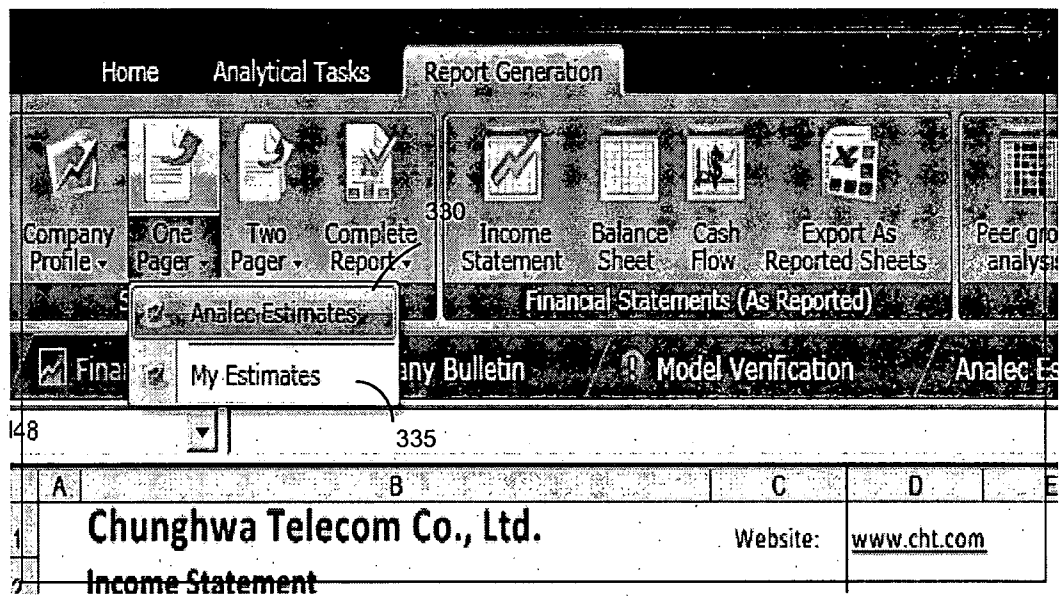


FIG. 10

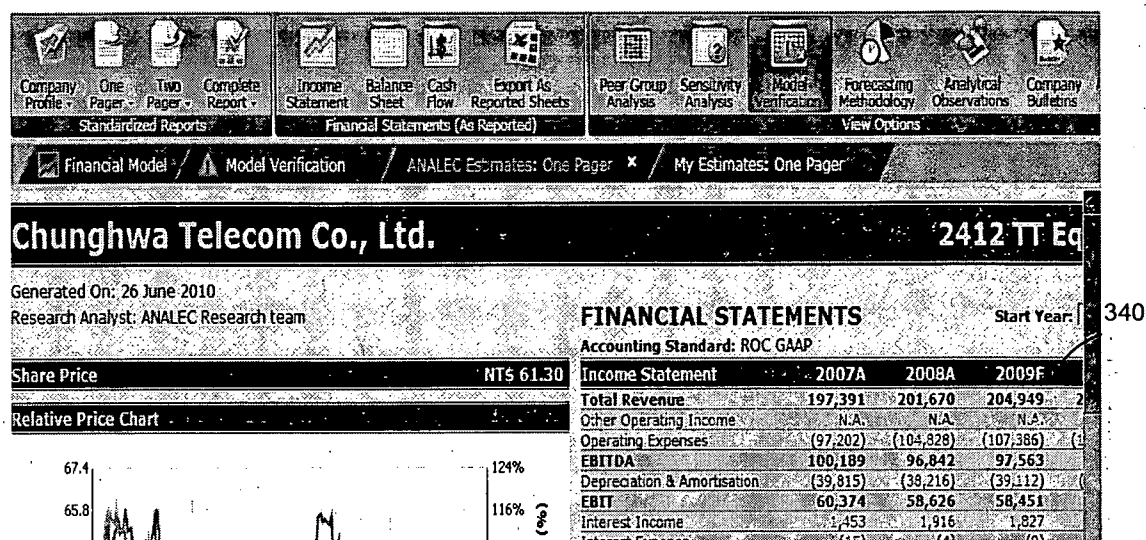
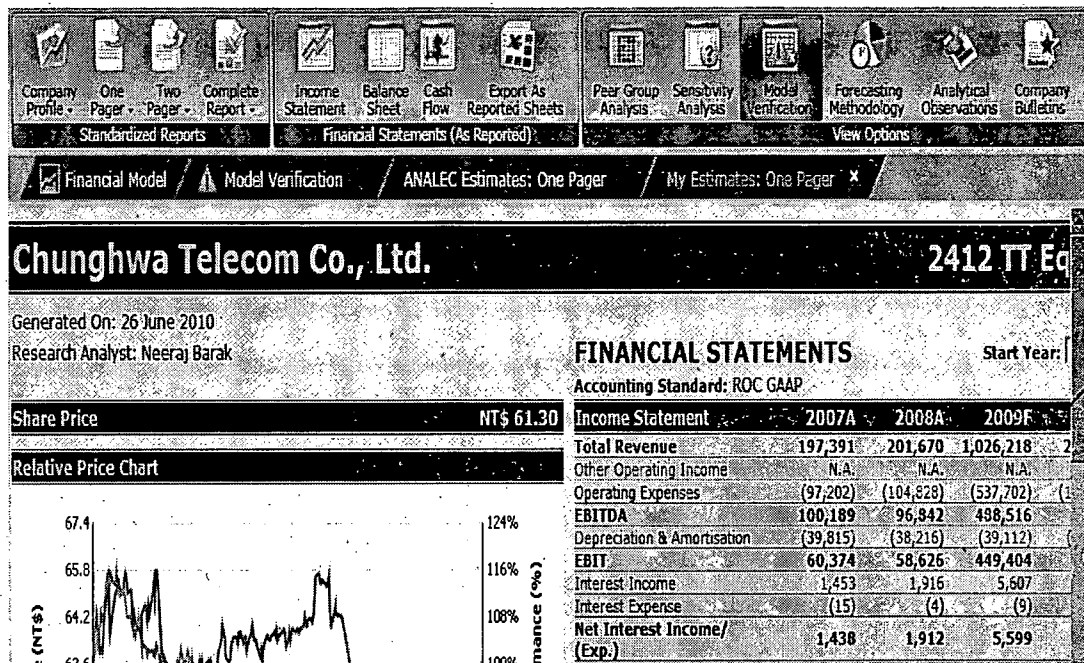


FIG. 11



355

FIG. 13

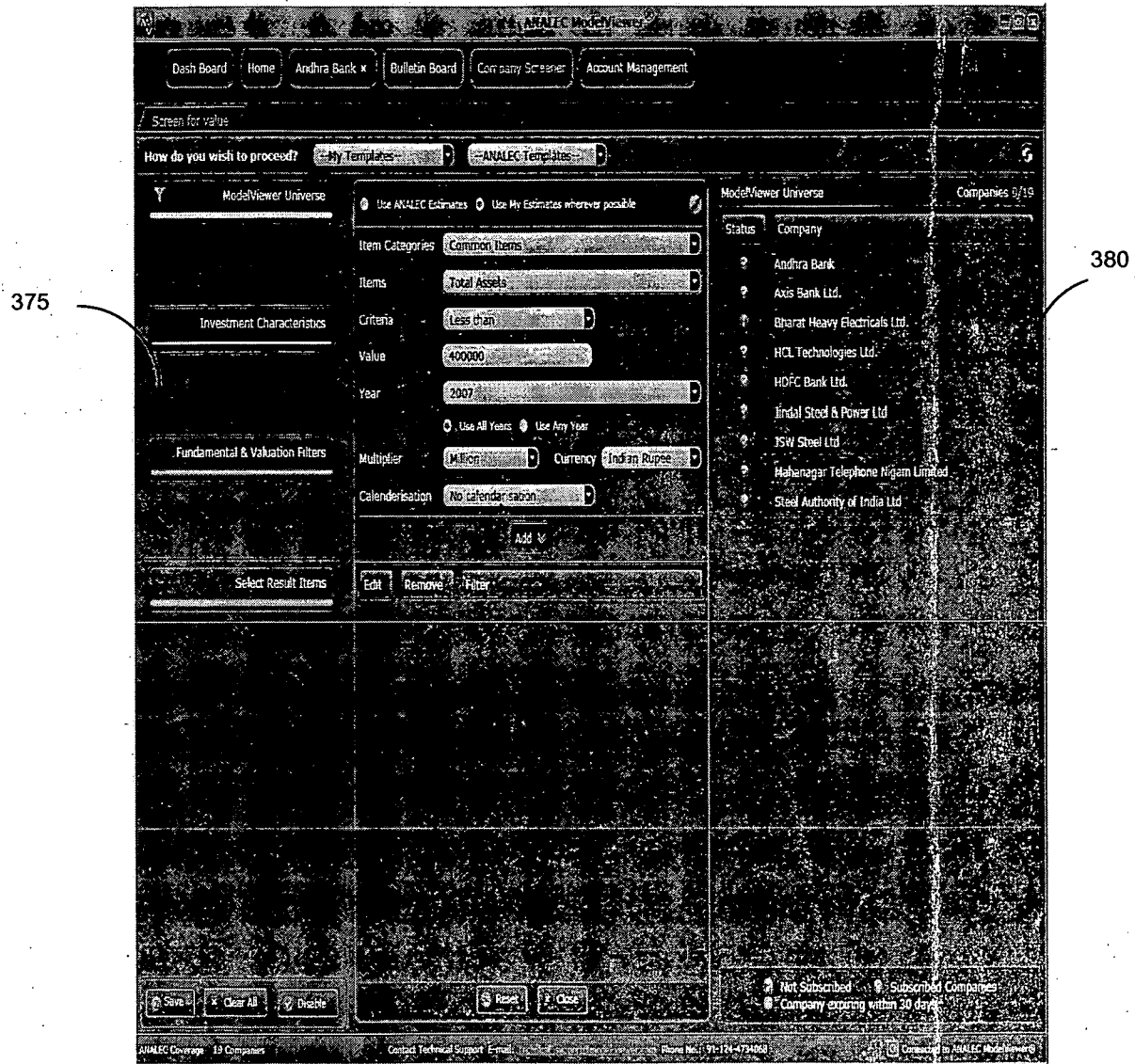


FIG. 14

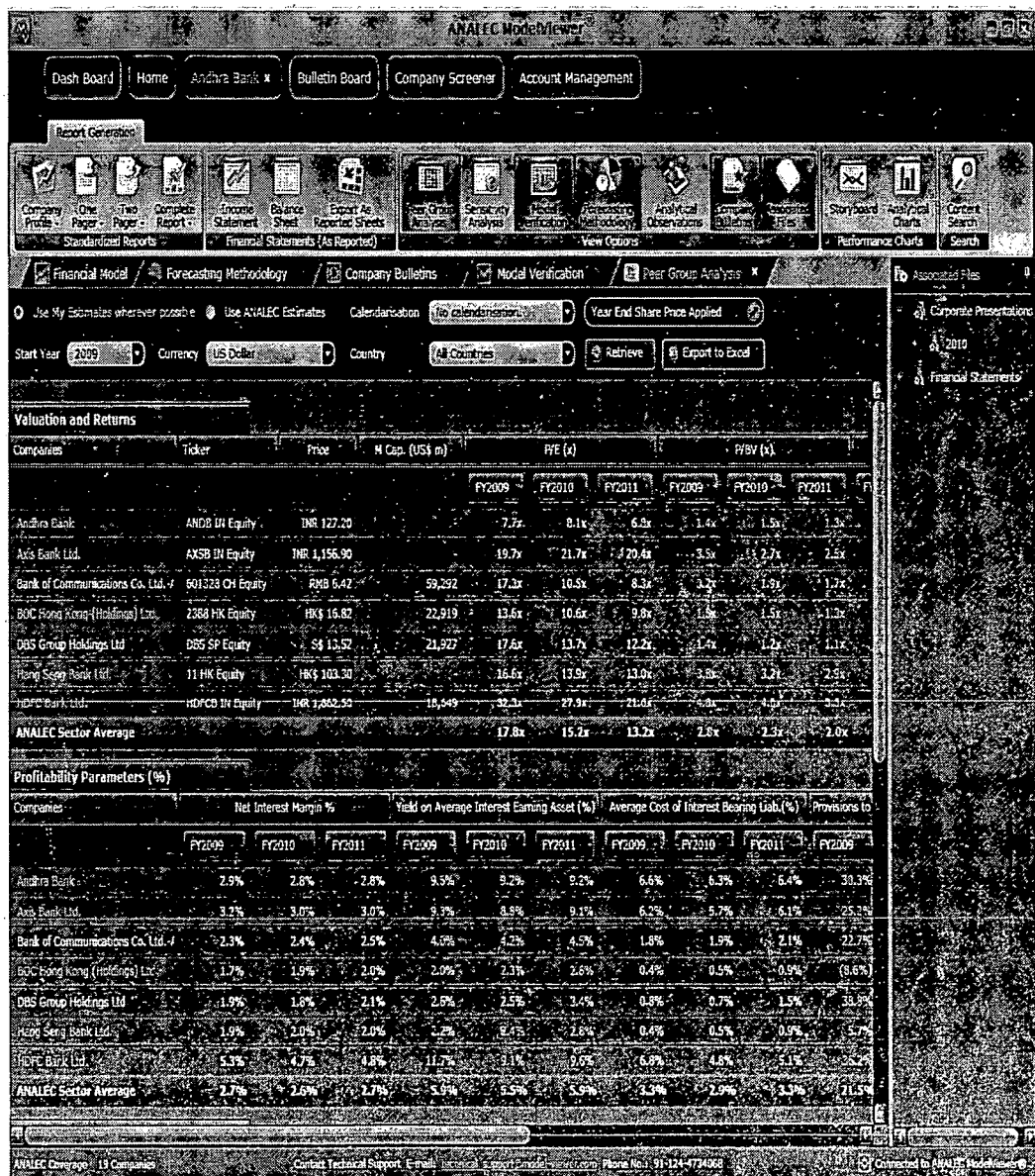


FIG. 15



FIG. 16

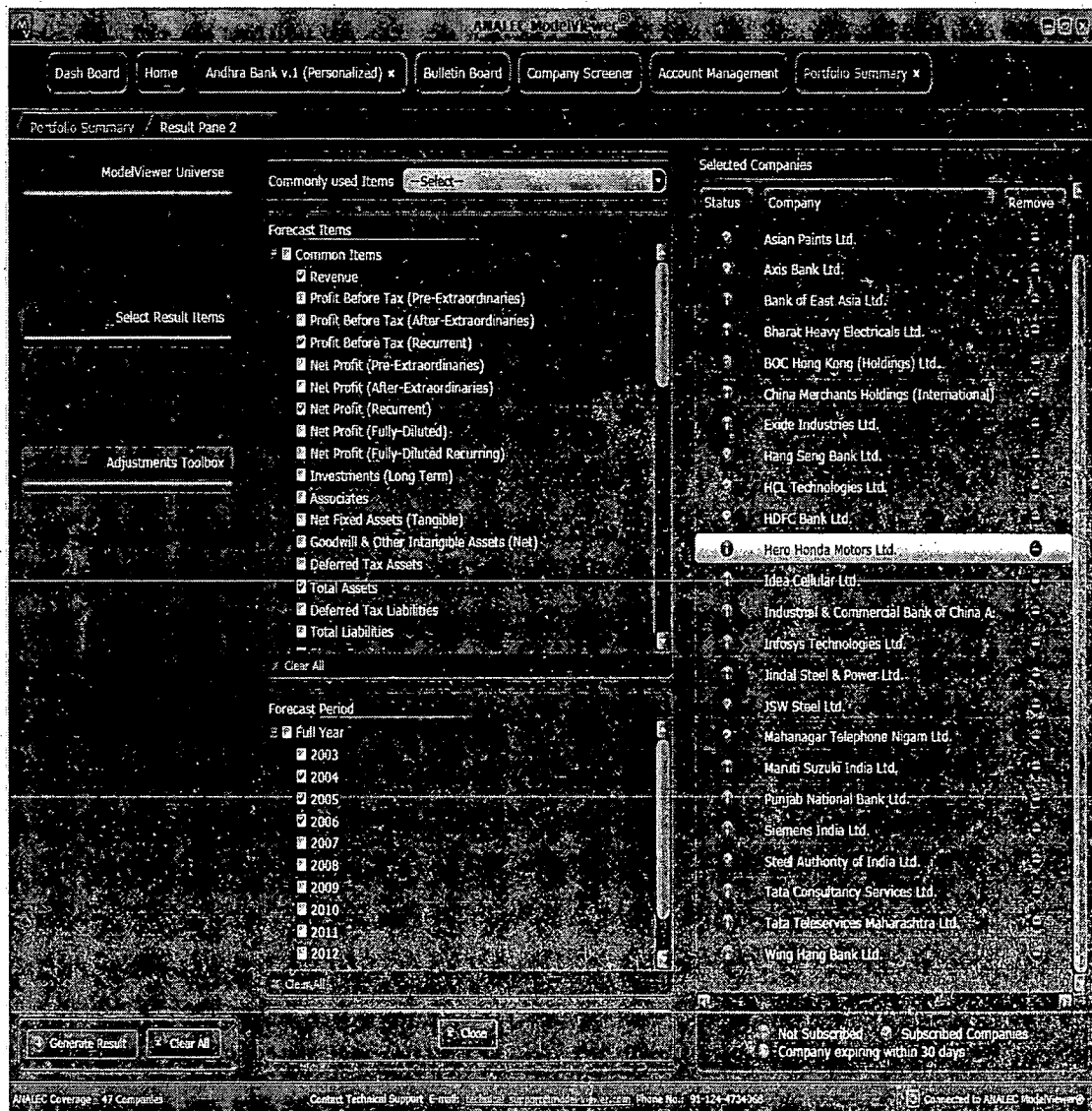


FIG. 17

ANALEC Model Viewer

Dash Board Home Andhra Bank v.1 (Personalized) x Bulletin Board Company Screener Account Management Portfolio Summary x

Portfolio Summary Result Page 2 x

Save Print Color Font Alignment Number Cells Show/Hide

Clipboard Font Alignment Number Cells Show/Hide

5 Jul 2010, 4:17 PM

Portfolio Summary Report

Preferences

7 Calendarisation No calendarisation

8 Multiplier 1000000

9 Currency Adjustment No Adjustment

10 Share Price Adjustment Year End Share Price

12 Portfolio Summary Information Page: 1

		Revenue			Profit Before Tax (Recurent)		
		FY2004	FY2005	FY2006	FY2004	FY2005	FY2006
21 Hong Kong	BOC Hong Kong (Holdings) Ltd.	15,857	18,174	21,309	14,252	16,502	17,139
22	Bank of East Asia Ltd.		5,953	7,564		3,213	4,260
23	China Merchants Holdings (International) Company Ltd.	2,059	2,972	3,961	1,752	2,587	2,743
24	Hang Seng Bank Ltd.	16,053	16,232	18,081	13,283	13,358	14,395
25	Industrial & Commercial Bank of China Asia Ltd.		2,033	2,597		1,208	1,603
26	Wing Hang Bank Ltd.	2,434	2,621	2,937	1,418	1,616	1,981
27 India	Ambuja Cements Ltd.	24,002	30,647	63,914	4,541	6,181	19,737
28	Andhra Bank	15,891	18,242	15,617	6,832	7,354	5,604
29	Asian Paints Ltd.		25,739	30,210		2,955	3,507
30	Axis Bank Ltd.	11,172	11,470	18,079	4,294	5,037	7,313
31	Bharat Heavy Electricals Ltd.	80,190	95,271	133,740	12,446	15,996	25,544
32	Exide Industries Ltd.		12,701	14,692		1,189	1,072
33	HCL Technologies Ltd.	25,637	33,512	45,716	7,902	7,150	7,438
34	HDFC Bank Ltd.			37,017			15,243
35	Hero Honda Motors Ltd.		74,217	87,140		12,173	14,122
36	Idea Cellular Ltd.		22,557	29,662		765	2,198
37	Infosys Technologies Ltd.	48,530	71,300	95,210	14,712	21,720	27,920
38	JSW Steel Ltd.		66,704	62,155		14,725	13,019

ANALEC Company 47 Companies Contact Technical Support E-mail: info@analec.com Phone No: 91-124-4724864 Generated by ANALEC Model Viewer

FIG. 18

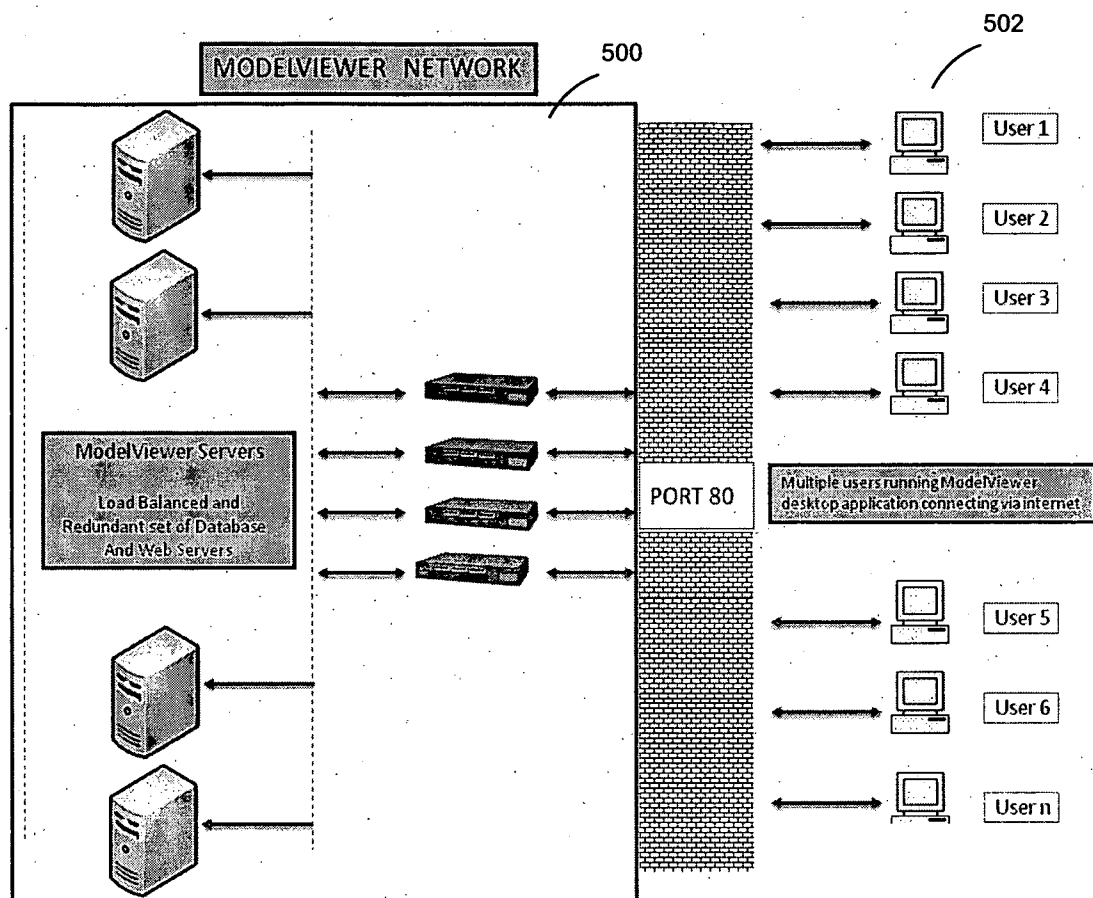


FIG. 19

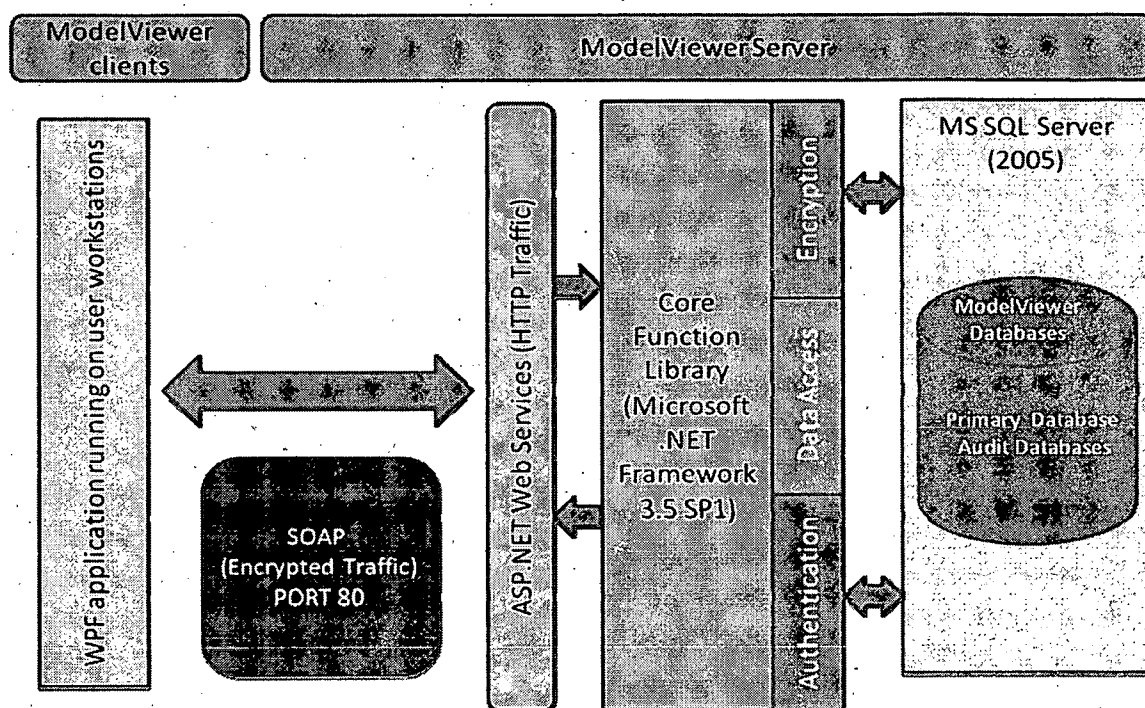


FIG. 20