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(54) **ON-LINE INTERACTIVE LEARNING AND MANAGING SYSTEM**

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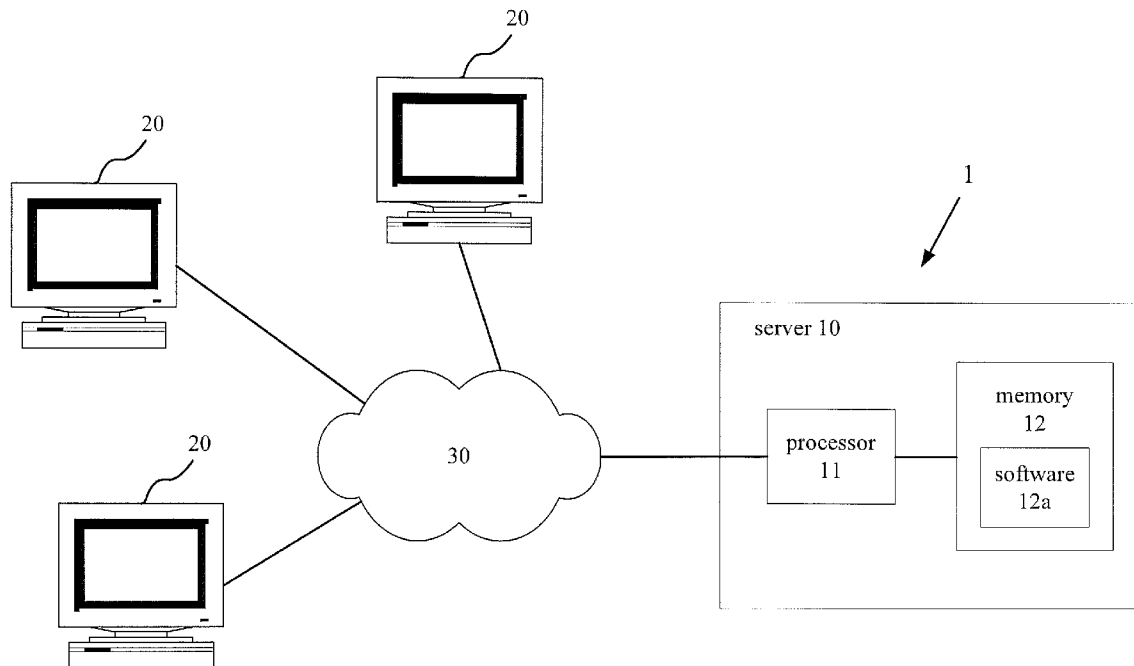
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(57) **ABSTRACT**

An on-line interactive learning and managing system is disclosed. The system comprises a server for a plurality of users login via the Internet. The plurality of users are allotted to form at least one learning group. The system may form correspondingly an operating interface according to each learning group for executing real-time interactive teaching between the plurality of users. The system further forms a managing interface for managing each learning group or each user's state by an administrator. The administrator uses the managing interface and each operating interface to communicate with each learning group or each user.



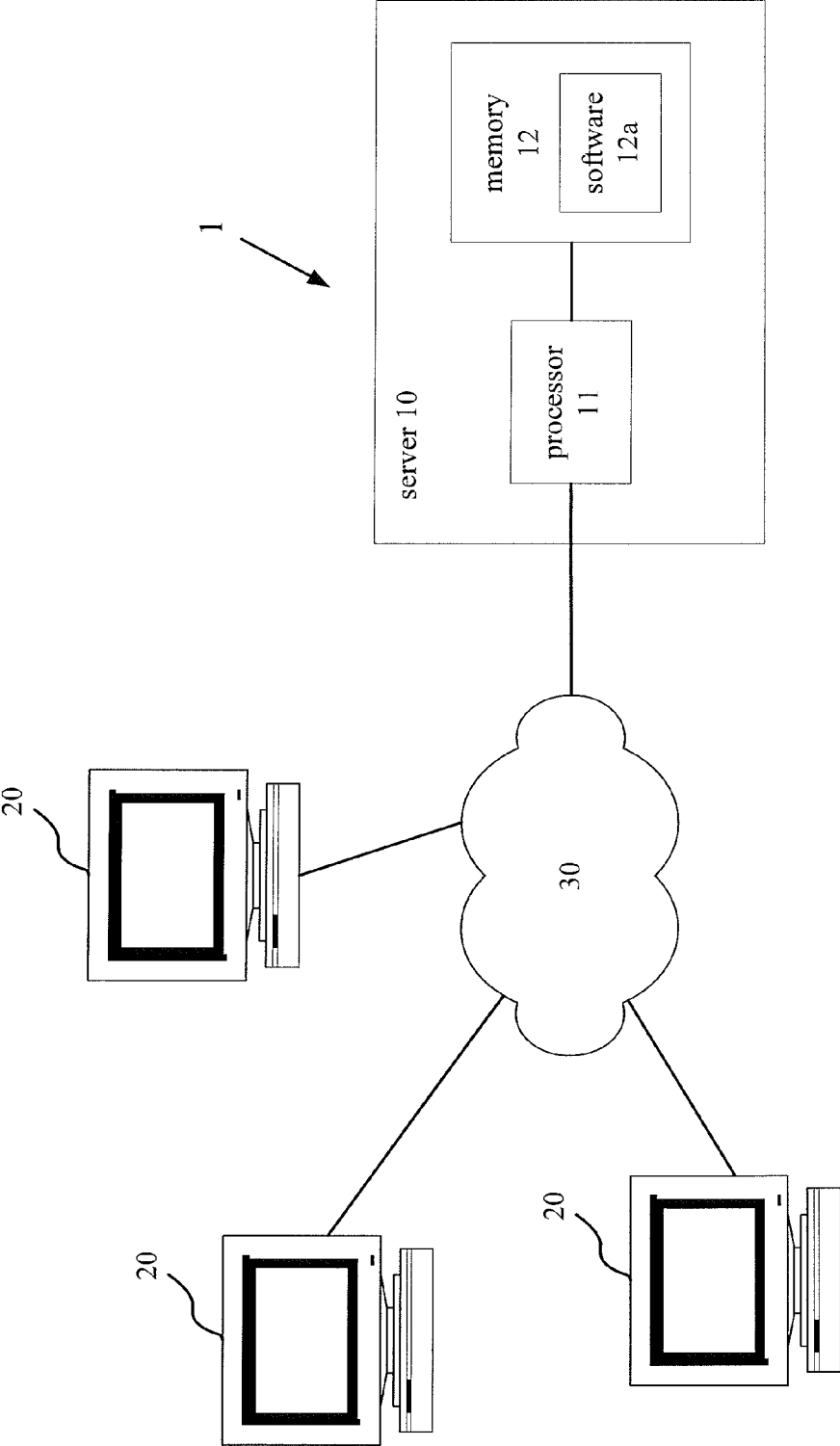


FIG.1

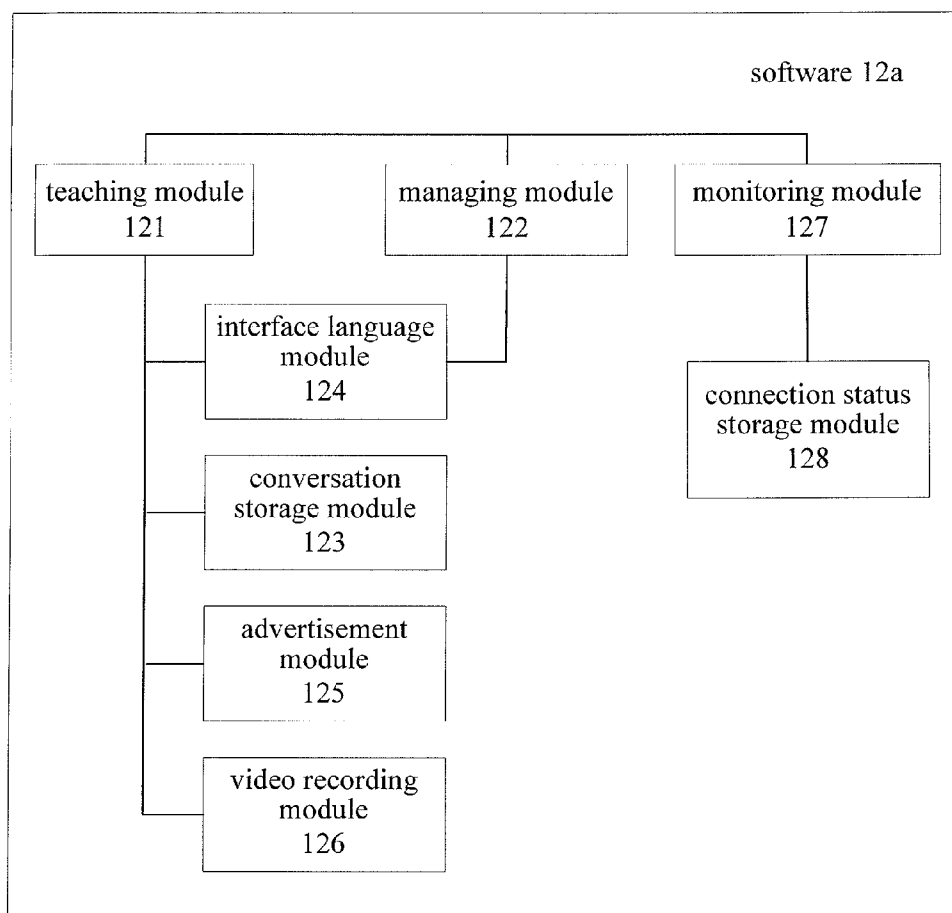


FIG.2

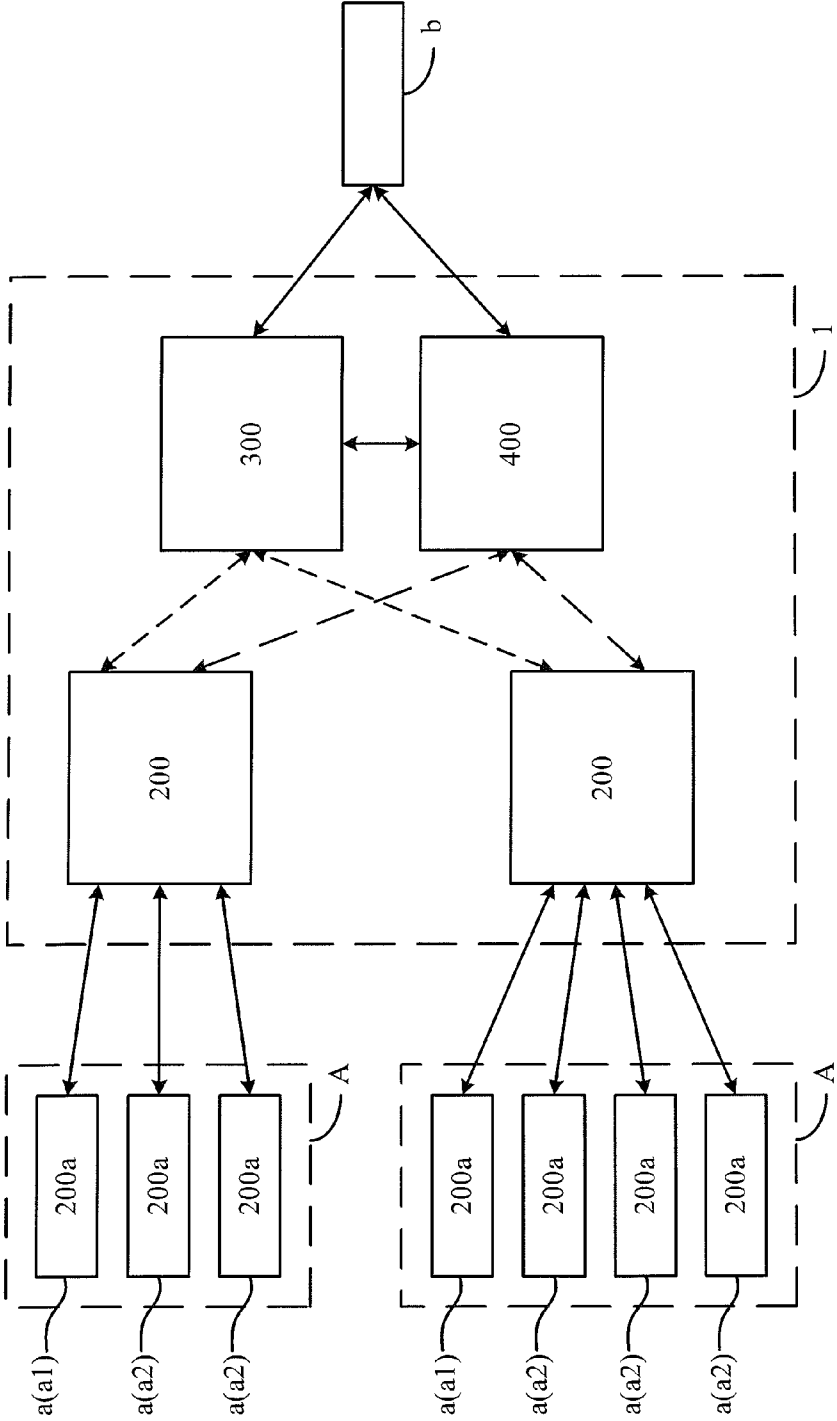


FIG.3

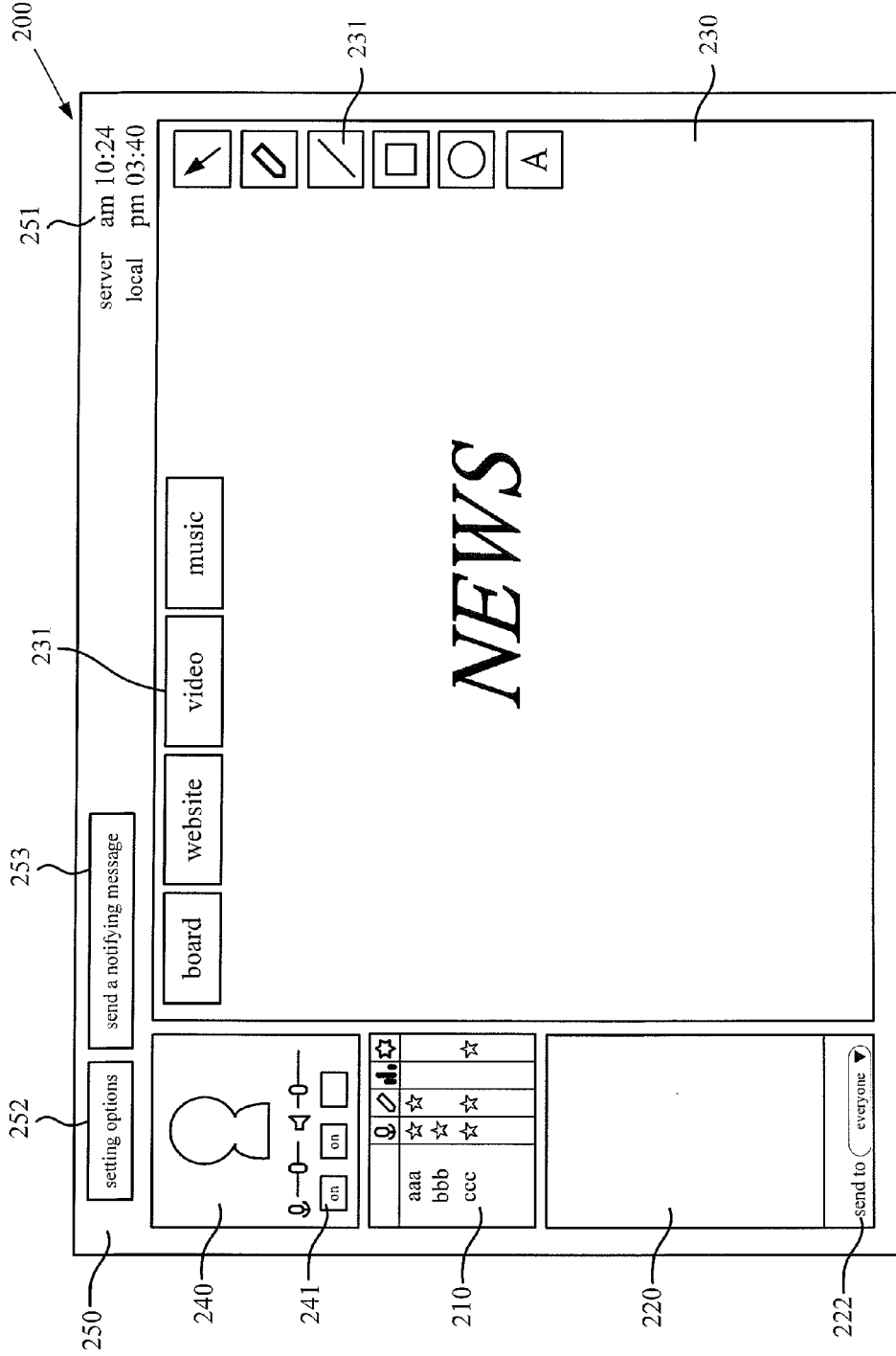


FIG.4

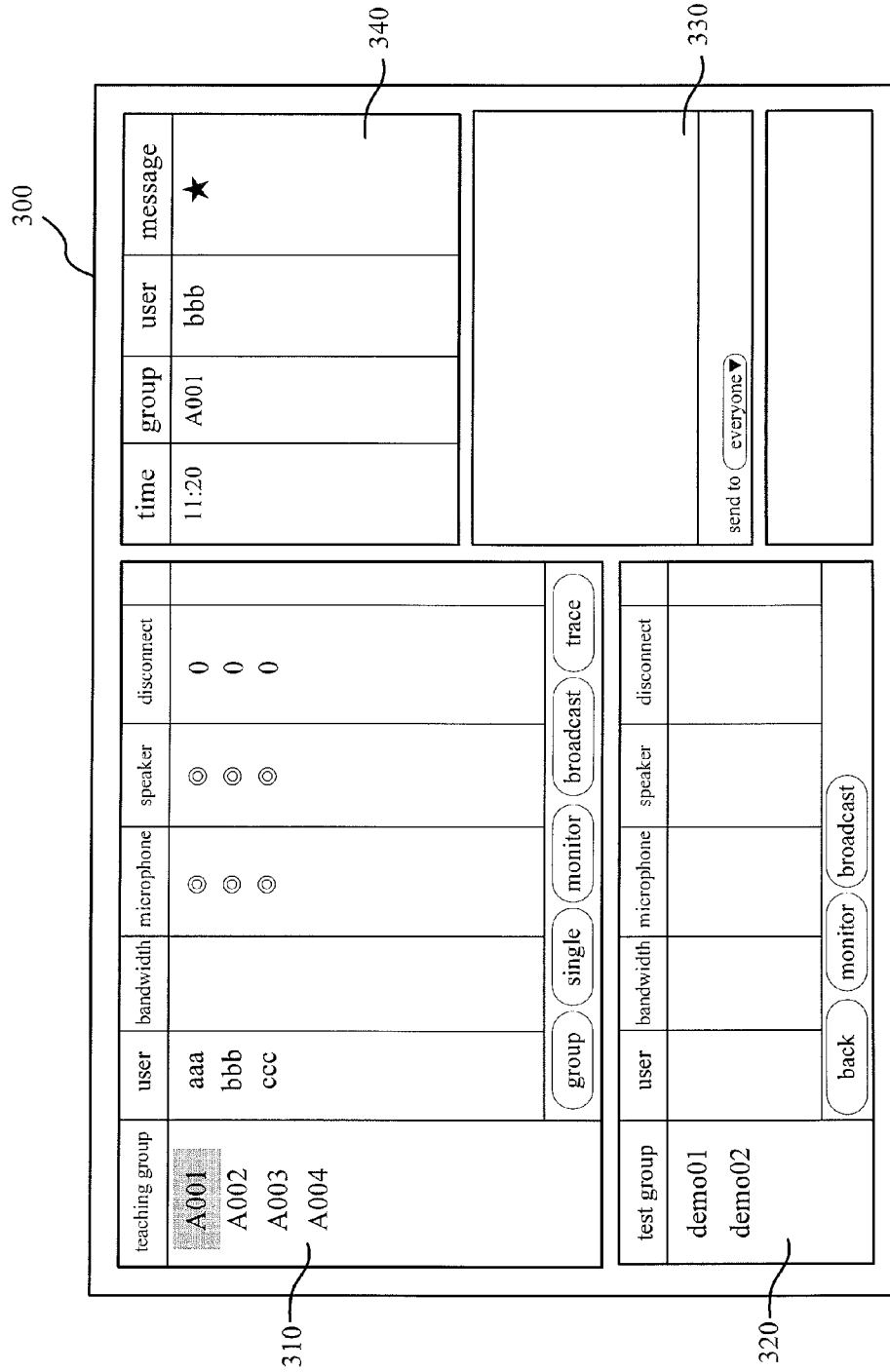


FIG.5(a)

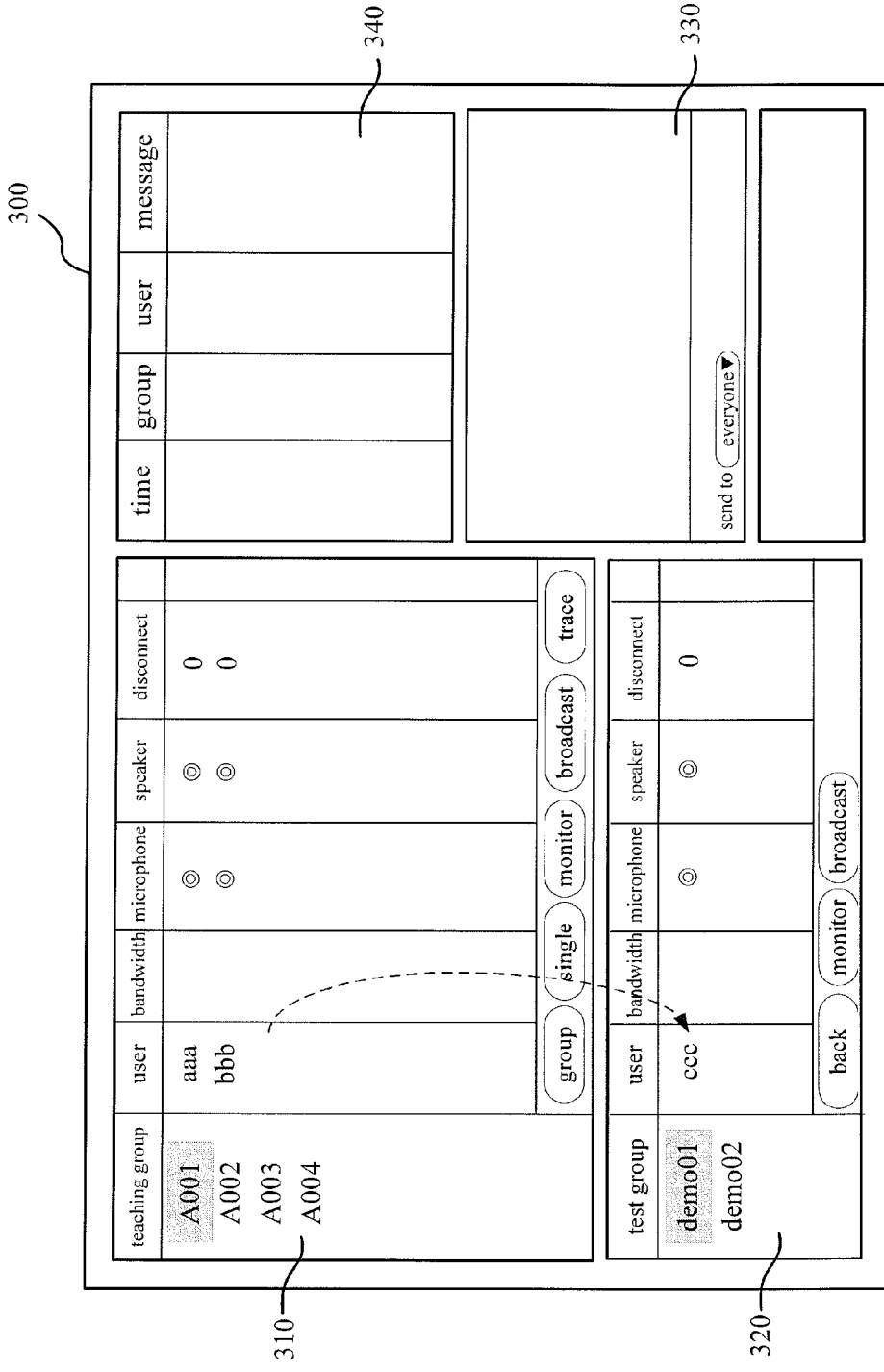


FIG.5(b)

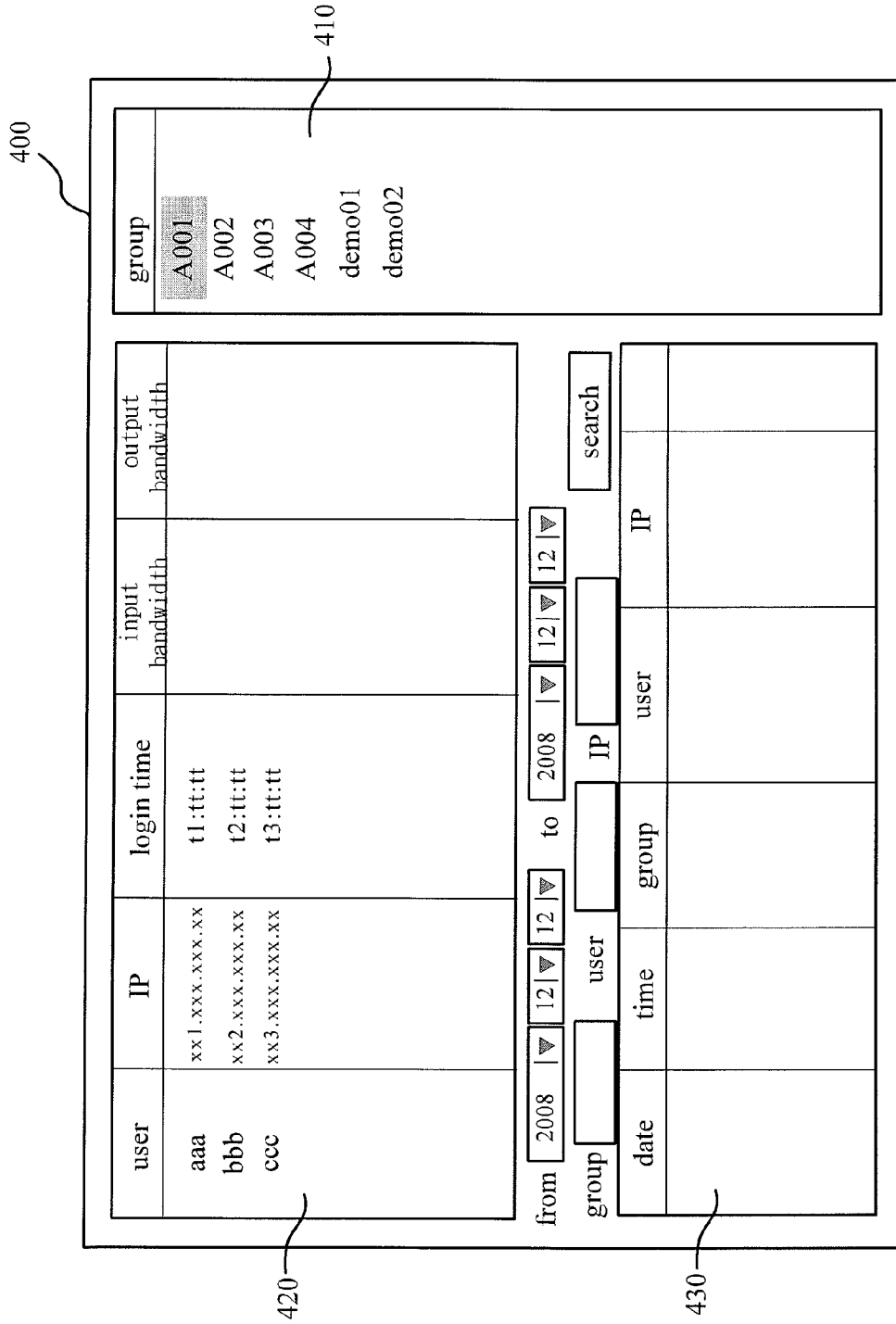


FIG.6

ON-LINE INTERACTIVE LEARNING AND MANAGING SYSTEM

BACKGROUND OF THE INVENTION

[0001] 1. Field of the Invention

[0002] The present invention relates to an on-line interactive learning and managing system, and more particularly, it relates to a learning and managing system for users to learn interactively via the internet and for administrators to manage easily.

[0003] 2. Description of the Related Art

[0004] People usually read books and other information to learn different languages, and the most effective way is to attend language courses in schools. The teachers teach the courses and communicate with the learners to improve their language abilities. However, the time of these language courses is usually fixed, so it is very inconvenient for learners to arrange and allocate time daily or weekly for these courses, as most people nowadays have a busy time schedule. As a result, many interested learners eventually abandon their plans to learn a new language.

[0005] With the advancement of the technology, the transmission speed over the internet has increased throughout the years. Therefore, people are beginning to learn new languages via the internet because it is more convenient. No matter where the learners are, they may download the video clips recorded by the teachers via the internet. To achieve maximum learning results, learners may also directly communicate with each other by video software. With this learning method, the learning process is no longer restricted by the place and the time of the language courses. However, learning by watching video clips is very similar to learning by reading books; furthermore, the function of the video software is limited; as a result, the abovementioned learning method is not as effective as communicating with the teacher in the actual courses.

[0006] Moreover, due to the lack of the management functions of traditional learning systems, internet learners may only contact the system administrator via telephone or email when problems occur. The administrator may try to determine the problems from the descriptions provided by the learners, but the solutions to the problems may not be found in real-time. Therefore, it is important to develop a system which is able to provide user convenience and allow effective learning; at the same time, the system must be efficient and manageable for the system administrators.

SUMMARY OF THE INVENTION

[0007] It is an object of the present invention to provide an on-line interactive learning and managing system for users to learn interactively via the internet and such a system that administrators can manage easily.

[0008] To achieve the above objective, an on-line interactive learning and managing system of the present invention comprises a server which enables a plurality of users to log in via the internet, and allocates the logged in users to create at least one teaching group. The server comprises a processor and a memory electrically coupled with the processor. The memory comprises a software program which is executed by the processor. The software program comprises a teaching module and a managing module. The teaching module is used to form each operation interface corresponding to each teaching group. The operation interface loads each set of personal

settings corresponding to each user of the teaching group to form each personalized operation interface for interactive learning by each user.

[0009] The managing module forms a managing interface for management of the plurality of users by an administrator, wherein the managing module may receive any message sent from any personalized operation interface and display the message on the managing interface. The teaching module may receive any message sent from the managing interface and display the message on the at least one personalized operation interface. The administrator and each user may thus communicate with each other.

[0010] Accordingly, the on-line interactive learning and managing system of the present invention enables the users to log in, and forms each personalized operation interface corresponding to each user for interactive learning. The administrator may monitor and manage each user via the managing interface. Each user and the administrator are able to communicate with each other via the personalized operation interface and the managing interface. It is more convenient for teaching and managing.

BRIEF DESCRIPTION OF THE DRAWINGS

[0011] These and other objects and advantages of the present invention will become apparent from the following description of the accompanying drawings, which disclose several embodiments of the present invention. It is to be understood that the drawings are to be used for purposes of illustration only, and not as a definition of the invention.

[0012] In the drawings, wherein similar reference numerals denote similar elements throughout the several views:

[0013] FIG. 1 is a schematic diagram of the on-line interactive learning and managing system of the present invention.

[0014] FIG. 2 is a schematic diagram showing a composition structure of a software program of the on-line interactive learning and managing system of the present invention.

[0015] FIG. 3 is a schematic diagram showing an established connection status of the on-line interactive learning and managing system of the present invention.

[0016] FIG. 4 is a schematic diagram showing a personalized operation interface of the on-line interactive learning and managing system of the present invention.

[0017] FIG. 5(a) and FIG. 5(b) are schematic diagrams showing a managing interface of the on-line interactive learning and managing system of the present invention.

[0018] FIG. 6 is a schematic diagram showing a monitoring interface of the on-line interactive learning and managing system of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0019] Please refer to FIG. 1, which is a schematic diagram of an on-line interactive learning and managing system of the present invention. As shown in FIG. 1, an on-line interactive learning and managing system 1 of the present invention comprises a server 10. A plurality of users may log in the server 10 via the internet with each user's computer 20, and then utilize the on-line interactive learning and managing system 1 of the present invention to proceed with interactive learning. The server 10 comprises a processor 11 and a memory 12 electrically coupled with the processor 11. The

memory 12 comprises a software program 12a, which is executed by the processor 11 and activates the learning and managing functions.

[0020] In this embodiment, the software program 12a is coded in flash language. Each user needs only to use the computer 20 to log into the server 10 of the on-line interactive learning and managing system 1 via the internet. The related operational interfaces may be formed and displayed via the computer 20. Therefore, each user does not have to install corresponding software in the computer 20. However, the present invention is not restricted to this method.

[0021] Please refer to FIG. 2 and FIG. 3. FIG. 2 is a schematic diagram showing a composition structure of a software program 12a of the on-line interactive learning and managing system 1. FIG. 3 is a schematic diagram showing an established connection status of the on-line interactive learning and managing system 1. Each user's information is stored in the respective user's computer 20. When a user "a" logs into the on-line interactive learning managing system 1, the software program 12a will retrieve the user's information from the user's computer 20, and allocates the user "a" to join a predetermined teaching group "A" after comparing the user's information with course category data, wherein the course category data is pre-loaded into the memory 12. All users may be allocated to form at least one teaching group "A" according to the number of users "a", different language levels of users, and different identities of the users. Each teaching group "A" is composed of a plurality of users "a", and each teaching group "A" comprises one teacher "a1" and at least one learner "a2". The related technique of categorizing the users according to each user's information is disclosed in Taiwan patent No. 1249112. Therefore, it will not be further described.

[0022] As shown in FIG. 2 and FIG. 3, the software program 12a comprises a teaching module 121 and a managing module 122. The teaching module 121 forms an operation interface 200 corresponding to each teaching group "A", and each teaching group "A" may proceed with interactive learning. The user's information of each user "a" comprises personal settings. When the operation interface 200 is formed, the operation interface 200 will load the personal settings of each user "a" and forms each personalized operation interface 200a displayed on each user's computer 20. Each user may communicate and learn with other users of the same teaching group "A" via the personalized interface 200a. Furthermore, according to the different personal settings that are loaded, e.g. the personal settings of a teacher or a learner, the teaching module 121 may categorize each personalized operation interface 200a into a teacher's operational interface or a learner's operational interface. The different operational interfaces for teachers and learners have respective interface operation authorization levels.

[0023] The managing module 122 forms a managing interface 300, which allows administrator "b" to manage the plurality of users "a" and to control the teaching and learning situation of each teaching group "A" by an administrator "b". When something needs to be communicated between the administrator "b" and any user "a", the administrator "b" and the user "a" may communicate with each other via the managing interface 300 and the personalized operation interface 200a. The user "a" may send messages via the personalized operation interface 200a, and the managing module 122 may receive messages for display on the managing interface 300 for notifying the administrator "b". The administrator "b" may also send messages via the managing interface 300, and

the teaching module 121 may receive the messages for display on the personalized operation interface 200a of any designated single or multiple users "a".

[0024] The personal settings include interface function settings, data input authorization settings, or user information settings. The interface function settings are related to the settings of the personalized operation interface 200a displayed on the user's computer, wherein the interface function settings comprise interface language settings, time settings, video settings, or sound settings.

[0025] The data input authorization settings are related to the input operation authorization settings of the personal operation interface 200a for the user "a". The input operating authorization settings comprise a character input authorization, a sound input authorization, or an interaction input authorization. The user information settings include the display name, hobbies, and other related settings of the user "a".

[0026] When the user "a" logs into the on-line interactive learning and managing system 1, the personal settings of the user "a" are also loaded. The language displayed on the personalized operation interface 200a may be changed according to different interface language settings. For example, the interface language may be displayed in, but is not limited to, simplified Chinese characters, traditional Chinese characters, or English letters. The time settings determine the time information being displayed on the personalized operation interface 200a. According to the different time settings, a local time of the user or/and a local time of the server may be displayed separately or simultaneously. It is convenient for the user to check the correct timing of the course from wherever the user logs in.

[0027] The video settings determine whether to display the video images on the personalized operation interface 200a. The sound settings determine the volume of the sound from an output device (e.g. amplifiers), or an input device (e.g. microphones). The personalized operation interface 200a may be customized according to the interface function settings so that each user "a" may learn interactively via an interface with which he or she is most familiar.

[0028] The interface function settings may be changed through the personal operation interface 200a, and the software program 12a may automatically save the changed interface function settings as the personal settings. The new personal settings will be loaded and the personal operation interface 200a will be updated on the next occasions when the user "a" logs into the on-line interactive learning and managing system 1.

[0029] The character input authorization of the data input authorization settings determines whether the user "a" is able to input characters in the personalized operation interface 200a. The sound input authorization determines whether the user "a" is able to transmit a sound signal through the microphone to other users "a" of the same teaching group "A". The interaction input authorization determines whether the user "a" is able to use teaching display data (such as teaching materials) for operating interactively via the personalized operation interface 200a. The personal settings corresponding to different identities of the users are different, so the data input authorization of the personalized operation interface 200a for each user "a" is different. For example, when the user "a" is a teacher "a1", the default of all of the data input authorization of the user "a" may be activated for teaching; when the user "a" is a learner "a2", he/she need only to listen, talk, and input characters to communicate with teacher "a1"

and other learners "a2". The learner "a2" does not need to utilize the interaction input authorization, which is only required by the teacher "a1", and the default of the interaction input authorization should be closed for learner "a2". The default of the data input authorization in the above description may be adjusted according to different system requirements; however, the present invention is not restricted to this method.

[0030] Furthermore, when the user "a" logs in, a nickname defined by the user "a" may be displayed on the personalized operation interface 200a according to the user information settings. Each user "a" may address one another with said nickname. The nickname of the user "a" is distinct from the account name of the user "a".

[0031] Please refer to FIG. 2 and FIG. 4. FIG. 4 is a schematic diagram showing a personalized operation interface 200a of the on-line interactive learning and managing system of the present invention. As shown in FIG. 2 and FIG. 4, each personalized operation interface 200a formed by the teaching module 121 comprises a status display area 210, a real-time communication area 220, an interactive display area 230, a video display area 240, and an interface function settings area 250.

[0032] The status display area 210 displays each user's status information, and the status information comprises a user connection status, a user identity status, or an input authorization status. The user connection status determines whether the user's Internet connection is stable. The user identity status is used for confirming the user's identity. The input authorization status determines the data input authorization of the user. Accordingly, the status information of each user of the same teaching group may be displayed in the status display area 210. However, the present invention is not only limited to these types of information.

[0033] The real-time communication area 220 displays the text messages typed by the users of the same teaching group, which allows two or more users to communicate with each other. The text messages typed by each user in the real-time communication area 220 may be sent via a function option 222 to specific users, such as the teacher or a specific learner, or to all users of the same teaching group, and the messages may be sent in a private or public manner. The user may also communicate with the administrator directly through text messages. As shown in FIG. 2 and FIG. 4 of the on-line interactive learning and managing system 1, the software program 12a further comprises a conversation storage module 123, which is used to save all message conversations that each user has entered as text in the real-time communication area 220 of the personalized operation interface 200a. As a result, the text messages of the conversations can be searched in the future if needed.

[0034] The interactive display area 230 provides functions similar to a digital white-board. The teaching module 121 may load teaching display data and display the data on the interactive display area 230 of the personalized operation interface 200a. Usually, the teaching display data are provided by the teacher with the interaction input authorization. The teaching display data may be selected and operated (such as inputting characters, footnoting, or drawing lines on the teaching display data) by means of a function bar 231 of the interactive display area 230. The learner whose interaction input authorization is active may also use the related function of the interactive display area 230. The teaching display data may comprise documents (such as documents generated in word-processing software or digital slideshow files), web

data, or multimedia files (such as video or audio files). Furthermore, the teaching display data corresponding to each teaching group may be pre-loaded by the system onto the interactive display area 230 of each personalized operation interface 200a, and each learner may preview the teaching display data.

[0035] The video display area 240 displays the video images captured from the teacher's side, such as using a webcam to capture the teacher's real-time image to simulate the situation of face-to-face teaching and learning. The video display area 240 comprises a video function bar 241, which allows users to activate or disable the video images, activate or disable the audio input/output, and adjust the volume of the audio input/output. For example, if the user activates the video image while the network is congested, the image transmission may be delayed. In such a case, the user may choose to disable the video images in order to allow the personalized operation interface 200a to operate more swiftly.

[0036] The interface function settings area 250 provides options and display of some interface functions, wherein the functions comprise a time display 251, an interface function option 252, and a communication assistance function option 253. The time display 251 is set in accordance with the personal settings, and the corresponding time is displayed. The user may check the actual time of the course, no matter where the user may be. The interface function option 252 may be used for adjusting the related functions of the personalized interface 200a, and it comprises the options of the interface language settings or the time settings. The user may scroll down the option list to choose the options for the adjustments. The software program 12a further comprises an interface language module 124, wherein the interface language module 124 stores multiple interface languages. The language displayed on the personalized operation interface 200a may be changed via the interface function settings area 250 of the personalized operation interface 200a. For example, the pre-defined language setting in the personalized operation interface 200a is traditional Chinese. When a user's first language is English, the language on the personalized operation interface 200a may be changed to English by means of the interface function settings area 250. The change of the interface language settings is stored in the user's personal settings, and the personalized operation interface 200a will retain its English interface if the language setting remains unchanged.

[0037] The communication assistance function option 253 allows the learners to respond to the teacher regarding the problems in learning, or allows the learners or the teacher to respond to the administrator regarding the problems in using the interface, and reminds the administrator to respond to the problems. Using the communication with the administrator as an example, any learner or teacher may choose the most appropriate option via the communication assistance function option 253 when a problem arises (such as delays in communication, or the audio of the counterpart cannot be heard), or directly type text messages to notify the administrator regarding the problems. A notifying message may be sent to the managing module 122 according to the messages typed or the option chosen by any learner or teacher via the personalized operation interface 200a. Then the managing module 122 may display a prompting message corresponding to the notifying message on the managing interface 300 to remind the administrator to solve the problem.

[0038] To ensure the convenience of teaching and to prevent some users from trying to disturb the course, more man-

agement authorization may be provided to the teacher of each teaching group in the online-interactive learning managing system **1** of the present invention. Therefore, a function for altering the data input authorization settings of any learner's operation interface via the teacher's operation interface is added in the design of the present invention. The teacher may evaluate the situation of the course and change any learner's data input authorization settings via the teacher's operation interface. For example, when a learner wants to share a document or a video during the course, the teacher may activate the learner's interaction input authorization such that the learners may provide and display related files in the interactive display area **230**; if a learner attempts to disrupt the course by constantly sending inappropriate, vulgar, or irrelevant messages in the real-time communication area **220**, the teacher may disable that learner's character input authorization to stop the disruption.

[0039] The software program **12a** further comprises an advertisement module **125** that stores multiple advertisement data. When the personalized operation interface **200a** is formed, the software program **12a** combines at least one advertisement data with the corresponding personalized operation interface **200a** via the advertisement module **125**. The user may see the advertisement data when using the personalized operation interface **200a**. The advertisement module **125** chooses the suitable advertisement data to combine with each personalized operation interface **200a** according to special events or the user's personal settings, e.g. the teaching group for each user, identity, or personal information. For example, a user may store data on hobbies in the personal information settings, such as "movies" or "electronic products". Accordingly, the advertisement module **125** may choose a corresponding movie trailer or an advertisement for electronic products, and combine it with the user's personalized operation interface **200a**, so that the users will receive additional information during the course.

[0040] The software program **12a** further comprises a video recording module **126**, which is used for recording the teaching process of each teaching group via the operating interface **200** to form recording files. When the teaching module **121** forms an operation interface **200** for any respective teaching group, the video recording module **126** is activated and records the teaching process of the teaching group, as well as recording the operations and video data of the operation interface **200**. Therefore, the learners who could not attend the course or want to review the class may view the recording files of the course after the course has ended. Furthermore, when the users log into the server to view the recording files, the advertisement module **126** may also choose a suitable advertisement data according to each user's personal information settings and insert the advertisement data into the recording files.

[0041] Please refer to FIG. 2, FIG. 5(a) and FIG. 5(b). FIG. 5(a) and FIG. 5(b) are schematic diagrams showing a managing interface **300** of the on-line interactive learning and managing system **1** of the present invention. As shown in FIG. 2 and FIG. 5(a), a managing interface **300** may be formed when an administrator's account is logged into the on-line interactive learning and managing system **1**, and the administrator may monitor the situation of each teaching group or each user by the managing interface **300**. The administrator may communicate with each user to help them to solve problems in operating the interface by the managing interface **300**. The managing interface **300** comprises a teaching group man-

aging area **310**, a test group managing area **320**, a real-time communication area **330**, and a message display area **340**. The teaching group managing area **310** displays status information of all the current users of each teaching group for managing by the administrator. The status information comprises a connection status of each user and a sound input/output status.

[0042] The administrator may use a mouse or other input device to choose any teaching group or any user on the managing interface **300** and enter a command to monitor the current course situation of the teaching group or the user. When the administrator determines that a user disturbs the course, he may input a command via the administrator interface **300** and remove the user from the teaching group. At the same time, the personalized operation interface **200a** of the user may be closed. Conversely, the administrator may also restore a removed user back into the teaching group and activate the user's personalized operation interface **200a** in order to continue with the course.

[0043] The test group managing area **320** is used to test the user's usage status. Please refer to FIG. 5(a) and FIG. 5(b); the test group managing area **320** may preset at least one test group (demo01 and demo02 as shown in the figure). When a user ccc within the teaching group encounters an operation problem (such as unclear audio or an unstable connection), the administrator may remove the user ccc from its corresponding teaching group A001 of the teaching group managing area **310** and then place the user ccc into the test group demo01 of the test group managing area **320** according to the operation of the managing interface **300** with the aid of a mouse or other input method. At this point, the system may disable the personalized operation interface **200a** of the user ccc so that the administrator may proceed with related status testing for the user ccc to solve the problem. When the problem is solved, the administrator will input another command to move the user ccc from the test group demo01 of the test group managing area **320** back into the teaching group A001 of the teaching group managing area **310**. Then the personalized operation interface **200a** of the user ccc may be enabled for continuing with the course.

[0044] The real-time communication area **330** displays the messages typed by each administrator so that the administrators are able to communicate with one another. The multiple administrators are required to manage a portion of the teaching groups when there are many learners logging into the course at the same time; therefore, the real-time communication area **330** provides a means for the administrators to communicate with one another and support one another in times of need. The messages typed by any administrator in the real-time communication area **330** may also be sent to any specific user, and text messages sent from any personalized operation interface **200a** may be displayed via the real-time communication area **330**. Therefore, the user may privately communicate with the administrator.

[0045] The message display area **340** is used to display prompting messages. As shown in FIG. 5(a), when a user has a system operational problem or other unsolvable problems, the user may send a notification message via the assistance communication options **253** of the personalized operation interface **200a**. The notification message may be transmitted over the internet and then received by the managing module **122**. The managing module **122** may display a prompting message corresponding to the notification message via the message display area **340** of the managing interface **300**. The

administrator will know which user has the problem or what the problem is according to the prompting message. The administrator may directly contact the user via the managing interface 300, or move the user into the test group for testing and analyze the problem by the abovementioned function. The prompting message displayed on the message display area 340 may display the user information of the user who sent the message, and display the descriptions or drawings of the problem (as indicated by the star sign in the figure), such that the administrator may understand the problem immediately. As a result, the on-line interactive learning and managing system 1 of the present invention is able to solve the user's problem without disturbing the course.

[0046] When a system announcement (or an alert) needs to be broadcast to all the logged-in users, the administrator may send an announcement data via the managing interface 300. The announcement data may be received and processed by the teaching module 121 for display via each personalized operation interface 200a so as to notify all users.

[0047] As shown in FIG. 2 and FIG. 3, the software program 12a further comprises a monitoring module 127, which creates a monitoring interface 400 to help the administrator with controlling the status of the server 10 and the connection status of each user. The administrator may monitor and adjust the related settings of the system via the monitoring interface 400, e.g. on-line bandwidth settings, video size adjustments, a number of activated classes, or a number of users currently on-line. The monitoring module 127 further comprises a connection status storage module 128, which monitors the connection status of each user and stores each user's connection status data as a connection status record respectively for searching. The connection status data comprises a user connection address, a time record of log-in/log-out, an internet flow bandwidth, or abnormal data.

[0048] When the connection status of a user's computer is unstable or the user's computer may not connect to the on-line interactive learning and managing system 1 of the present invention, the administrator may retrieve the connection status data of a single user or multiple users of the teaching group from the monitoring module 127 via the monitoring interface 400, or retrieve the connection status data of a single user from the monitoring module 127 via the managing interface 300. Accordingly, the problem may be identified as one that takes place at the user's side or on that takes place at the server's side by the connection status data to help to solve the problem.

[0049] Refer to FIG. 6. FIG. 6 illustrates the diagram of the monitoring interface 400 of the on-line interactive learning and managing system 1 of the present invention. As shown in FIG. 6, the monitoring interface 400 comprises an on-line group display area 410, a connection status display area 420, and a connection data search area 430. The on-line group display area 410 lists all existing groups currently within the system, including each teaching group or each testing group. The connection status display area 420 displays all connection status data of each user of the at least one group chosen by the on-line group display area 410 in real-time. In this embodiment, the connection status data comprises a user account, a connection address, a time of log-in, and an internet flow bandwidth, but the present invention is not restricted to these items.

[0050] The monitoring interface 400 further comprises a connection record search area 430. The administrator may input search conditions (such as date, user name, or teaching

group) via the connection record search area 430 to search all of the connection status data records of users stored in the connection status storage module 128. Then the connection status history data records corresponding to the input search conditions may be found and displayed via the monitoring interface 400. Accordingly, the administrator may analyze and obtain all the related information easily.

[0051] The design of the on-line interactive learning and managing system 1 of the present invention allows users to directly log into the server 10 to learn interactively via each corresponding personalized operation interface 200a. The administrators logged into the server 10 may control and monitor every user via the managing interface 300 and the monitoring interface 400. When a user has a problem, the user and the administrator may communicate with each other via the personalized operation interface 200a and the managing interface 300. When a connection problem between any user's computer and the server 10 occurs, the administrator may efficiently analyze and identify the problem by the monitoring interface 400.

[0052] Although the present invention has been explained in relation to its preferred embodiment, it is also of vital importance to acknowledge that many other possible modifications and variations can be made without departing from the spirit and scope of the invention as hereinafter claimed.

What is claimed is:

1) An on-line interactive learning and managing system comprising a server which enables a plurality of users to log in via the internet and allocates the logged in users to create at least one teaching group, the server comprising:

a processor; and

a memory electrically coupled with the processor, the memory comprising a software program which is executed by the processor; the software program comprising:

a teaching module for forming each operation interface corresponding to each teaching group; the operation interface loads each personal settings corresponding to each user of the teaching group to form each personalized operation interface for interactive learning by each user; and

a managing module for forming a managing interface to manage the plurality of users by an administrator, wherein the managing module may receive any message sent from any personalized operation interface and display the message on the managing interface, and the teaching module may receive messages sent from the managing interface and display the messages on the at least one personalized operation interface, such that the administrator and each user may communicate with each other.

2) The system as claimed in claim 1, wherein the personal settings are stored in a user's computer of each user; the user's computer is connected to the server via the internet, and then the user's computer displays the personalized operation interface for operation by the user.

3) The system as claimed in claim 1, wherein the personal settings comprise interface function settings; the interface function settings may be changed via the personalized operation interface, and the changed interface function settings may be stored in the personal settings by the software program.

4) The system as claimed in claim 3, wherein the teaching module categorizes the personalized operation interface into

a teacher's operation interface or a learner's operation interface according to the different personal settings that are loaded; the personal settings further comprise data input authorization settings, and the data input authorization settings of the learners' personalized operation interface may be changed via the teacher's operation interface.

5) The system as claimed in claim 3, wherein the interface function settings comprise: interface language settings, time settings, video function settings, or audio function settings.

6) The system as claimed in claim 5, wherein the time settings comprise for display separately or simultaneously a local time of the user or/and a local time of the server.

7) The system as claimed in claim 1, wherein the software program further comprises a conversation storage module, which stores the conversation messages keyed in by each user via the personalized operation interface.

8) The system as claimed in claim 1, wherein the software program further comprises an interface language module, the interface language module stores a plurality of interface languages; the language of the personalized operation interface may be changed according to the selected interface language via the personalized operation interface.

9) The system as claimed in claim 1, wherein the teaching module may load and display teaching display data via the personalized operation interface, and the teaching display data comprises a document, website data, or video data.

10) The system as claimed in claim 1, wherein a learning situation of each teaching group or each user may be monitored by the managing interface.

11) The system as claimed in claim 1, wherein any user may be removed or added into the respective teaching group via the managing interface.

12) The system as claimed in claim 11, wherein any user may be moved out of the respective teaching group and into a testing group via the managing interface, for performance of tests when a problem occurs.

13) The system as claimed in claim 1, wherein the teaching module may receive an announcement message from the

managing interface, and display the announcement message in each personalized operation interface in order to notify the users.

14) The system as claimed in claim 1, wherein the managing module may receive a notification message from any personalized operation interface, and display a prompting message corresponding to the notification message on the managing interface.

15) The system as claimed in claim 1, wherein the software program further comprises a monitoring module for forming a monitoring interface to help the administrator in controlling the status of the server and the connection status of each user.

16) The system as claimed in claim 15, wherein the monitoring module further comprises a connection status storage module for storing connection status records of each user, and the connection status records comprise: a connection address of the user, a time record of log-in/log-out, Internet flow bandwidth, or abnormal data.

17) The system as claimed in claim 16, wherein the connection status record of the user may be searched from the connection status module via the monitoring interface, and then displayed on the monitoring interface.

18) The system as claimed in claim 1, wherein the software program further comprises a video recording module for recording the teaching process of each teaching group by the operation interface to form recording files.

19) The system as claimed in claim 18, wherein the software program further comprises an advertisement module, the advertisement module stores a plurality of advertisement data, and at least one of the advertisement data may be inserted into the recording files by the advertisement module.

20) The system as claimed in claim 1, wherein the software program further comprises an advertisement module, the advertisement module stores a plurality of advertisement data, and the advertisement module may choose at least one the suitable advertisement data according to the personal settings of each user to combine to the personalized operation interface.

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