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(54) **SYSTEM AND METHOD FOR TOPIC BASED SEGREGATION IN INSTANT MESSAGING**

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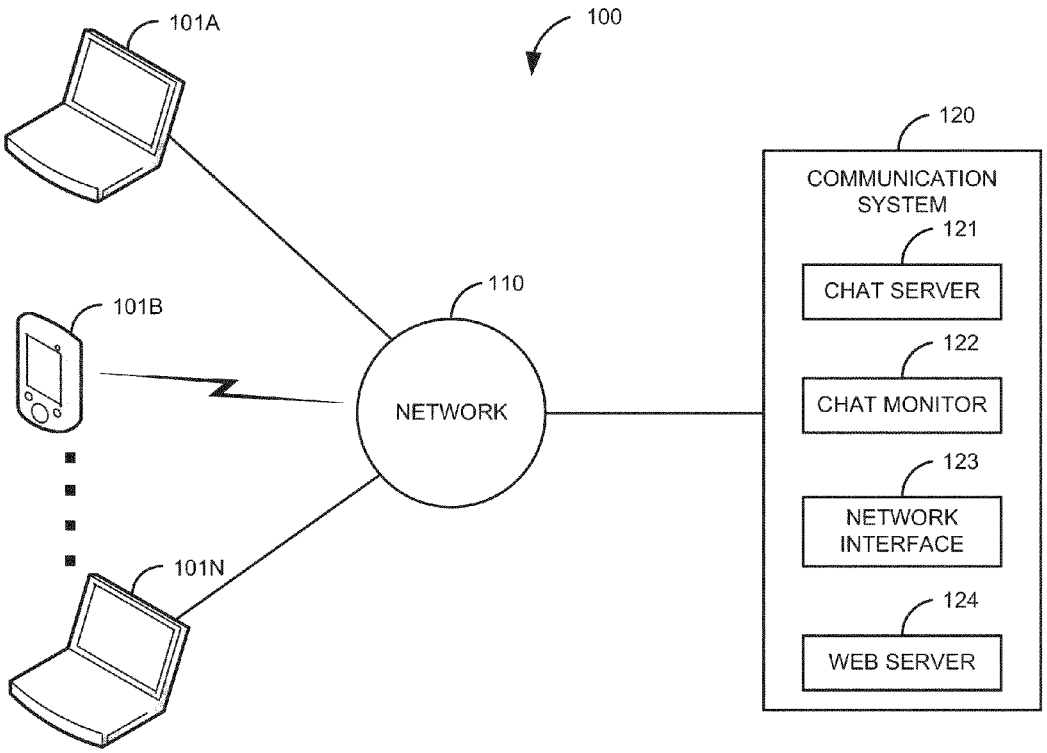
(57) **ABSTRACT**

In order to be able to discuss multiple topics separately in an electronic chat session, a request to discuss one or more topics in the electronic chat session is detected. In response to detecting the request to discuss the one or more topics in the electronic chat session, a sub-chat session for each of the one or more topics is created within the electronic chat session. Information associated with the sub-chat sessions is sent to the participants of the electronic chat session. This allows each participant to chat separately on each topic via the separate sub-chat sessions; thus creating an individual transcript for each topic.



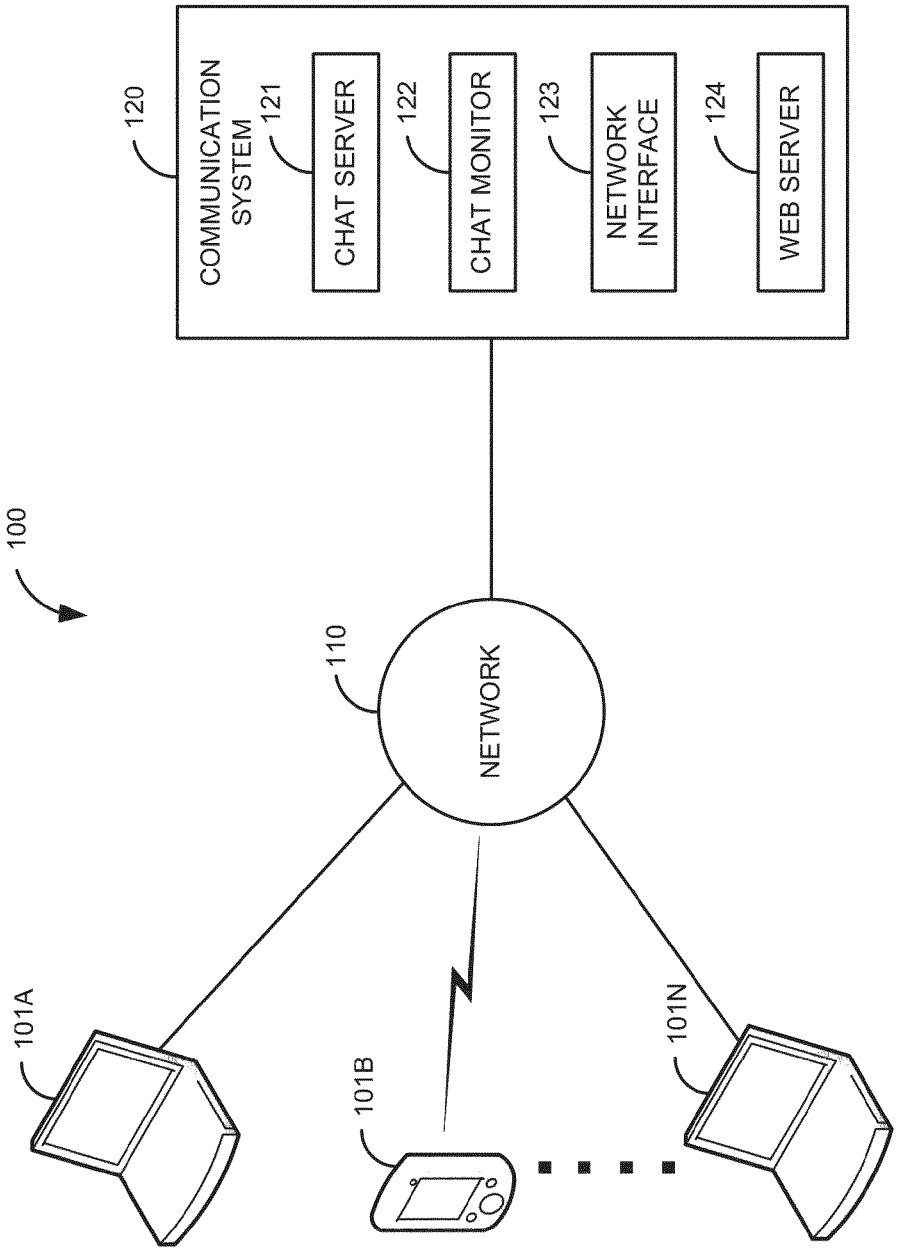

100
120
COMMUNICATION SYSTEM
121
CHAT SERVER
122
CHAT MONITOR
123
NETWORK INTERFACE
124
WEB SERVER
110
NETWORK
101A
101B
101N

FIG. 1

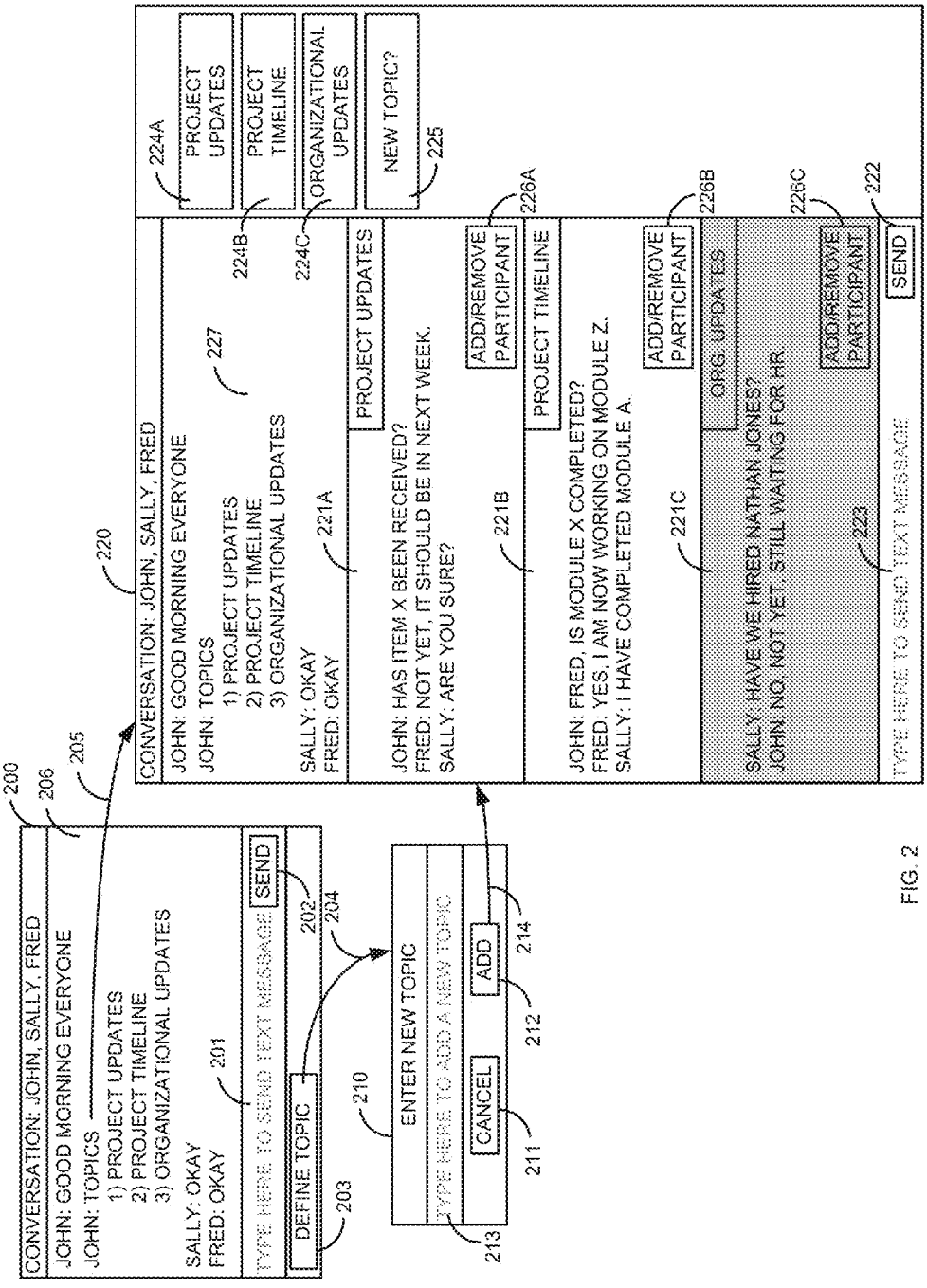

200
206
205
220
CONVERSATION: JOHN, SALLY, FRED
JOHN: GOOD MORNING EVERYONE
JOHN: TOPICS
1) PROJECT UPDATES
2) PROJECT TIMELINE
3) ORGANIZATIONAL UPDATES
SALLY: OKAY
FRED: OKAY
201
TYPE HERE TO SEND TEXT MESSAGE
SEND
202
DEFINE TOPIC
203
204
210
ENTER NEW TOPIC
TYPE HERE TO ADD A NEW TOPIC
CANCEL
ADD
211
212
213
214
CONVERSATION: JOHN, SALLY, FRED
JOHN: GOOD MORNING EVERYONE
JOHN: TOPICS
1) PROJECT UPDATES
2) PROJECT TIMELINE
3) ORGANIZATIONAL UPDATES
SALLY: OKAY
FRED: OKAY
221A
PROJECT UPDATES
JOHN: HAS ITEM X BEEN RECEIVED?
FRED: NOT YET, IT SHOULD BE IN NEXT WEEK.
SALLY: ARE YOU SURE?
221B
PROJECT TIMELINE
JOHN: FRED, IS MODULE X COMPLETED?
FRED: YES, I AM NOW WORKING ON MODULE Z.
SALLY: I HAVE COMPLETED MODULE A.
221C
ORG. UPDATES
SALLY: HAVE WE HIRED NATHAN JONES?
JOHN: NO, NOT YET. STILL WAITING FOR HR.
223
TYPE HERE TO SEND TEXT MESSAGE
SEND
222
224A
PROJECT UPDATES
PROJECT TIMELINE
ORGANIZATIONAL UPDATES
NEW TOPIC?
225
224B
224C
227
ADD/REMOVE PARTICIPANT
226A
ADD/REMOVE PARTICIPANT
226B
ADD/REMOVE PARTICIPANT
226C

FIG. 2

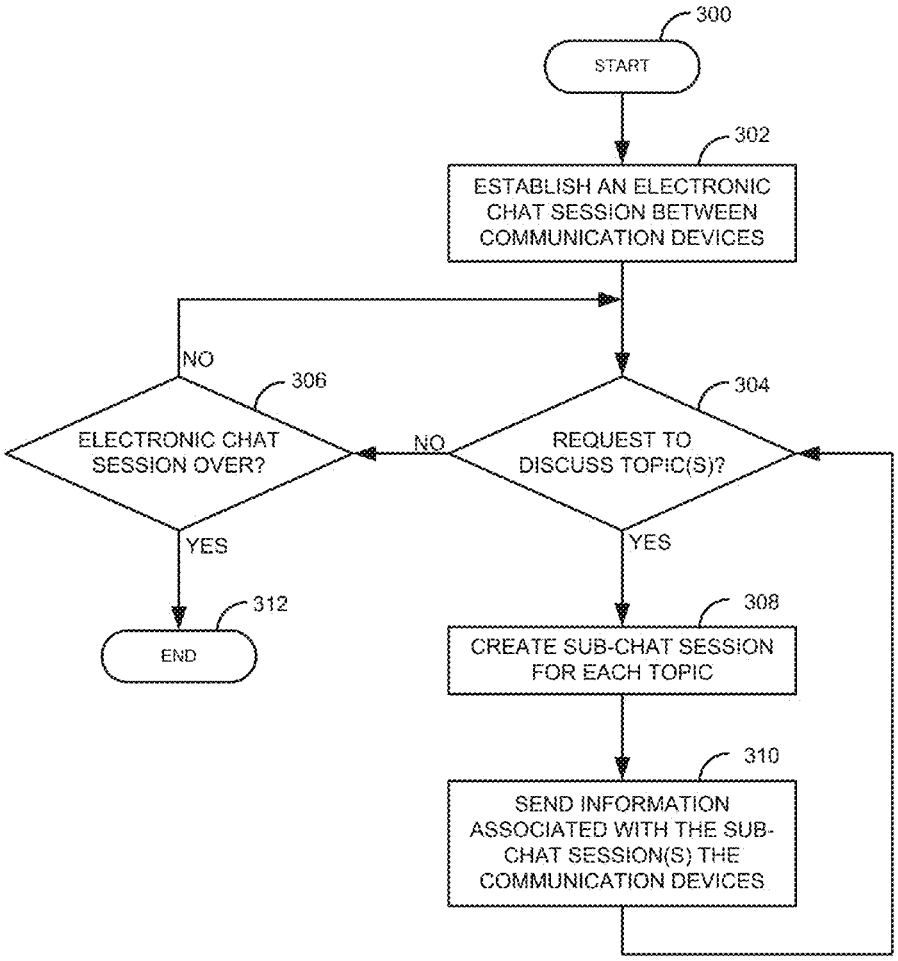

300
START
302
ESTABLISH AN ELECTRONIC CHAT SESSION BETWEEN COMMUNICATION DEVICES
304
REQUEST TO DISCUSS TOPIC(S)?
NO
306
ELECTRONIC CHAT SESSION OVER?
NO
YES
YES
312
END
308
CREATE SUB-CHAT SESSION FOR EACH TOPIC
310
SEND INFORMATION ASSOCIATED WITH THE SUB-CHAT SESSION(S) THE COMMUNICATION DEVICES

FIG. 3

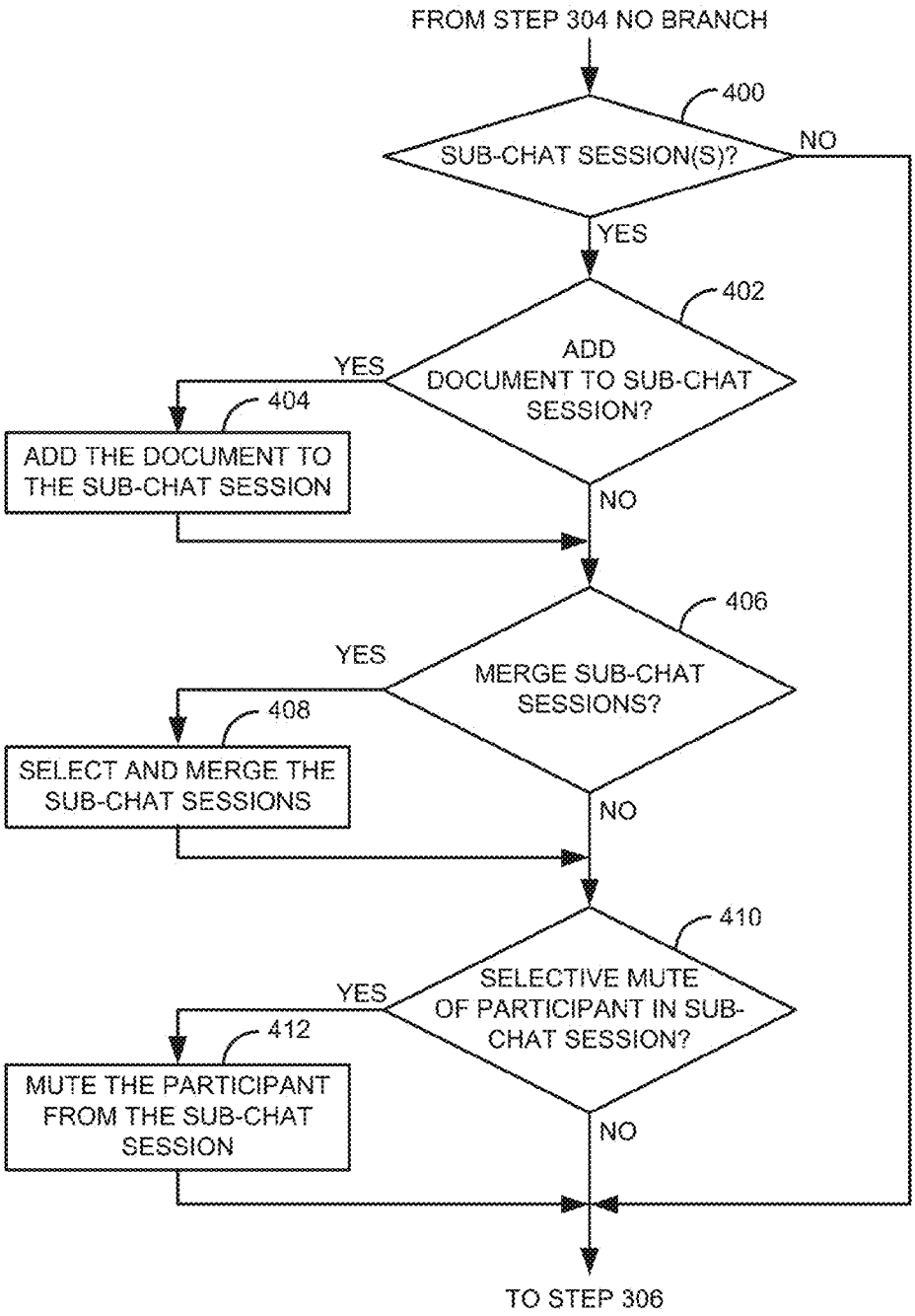

FROM STEP 304 NO BRANCH
400
SUB-CHAT SESSION(S)?
NO
YES
402
ADD DOCUMENT TO SUB-CHAT SESSION?
YES
404
ADD THE DOCUMENT TO THE SUB-CHAT SESSION
NO
406
MERGE SUB-CHAT SESSIONS?
YES
408
SELECT AND MERGE THE SUB-CHAT SESSIONS
NO
410
SELECTIVE MUTE OF PARTICIPANT IN SUB-CHAT SESSION?
YES
412
MUTE THE PARTICIPANT FROM THE SUB-CHAT SESSION
NO
TO STEP 306

FIG. 4

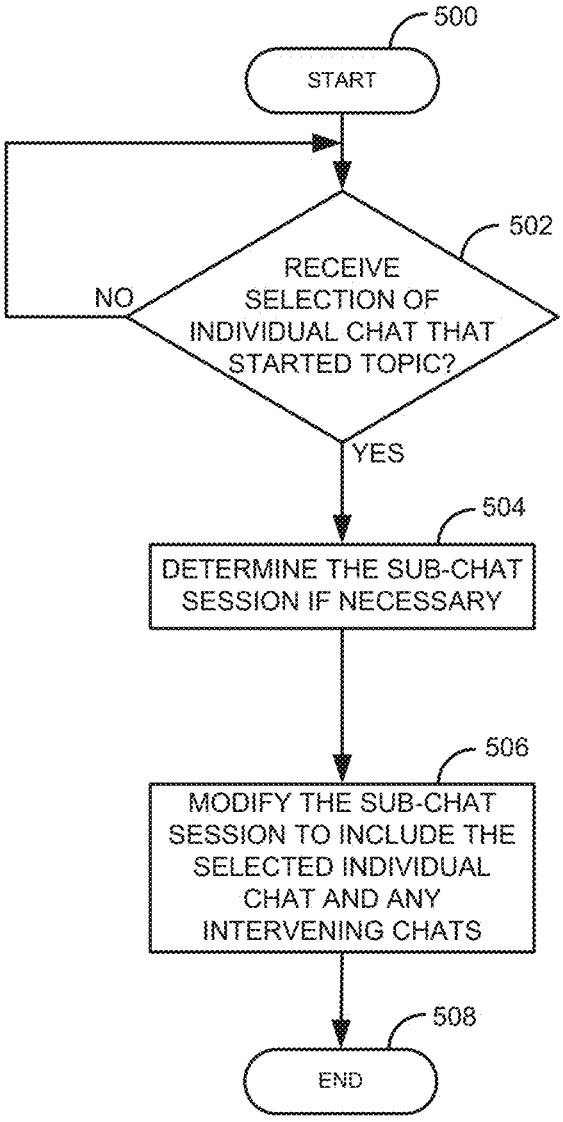

500
START
502
RECEIVE SELECTION OF INDIVIDUAL CHAT THAT STARTED TOPIC?
NO
YES
504
DETERMINE THE SUB-CHAT SESSION IF NECESSARY
506
MODIFY THE SUB-CHAT SESSION TO INCLUDE THE SELECTED INDIVIDUAL CHAT AND ANY INTERVENING CHATS
508
END

FIG. 5

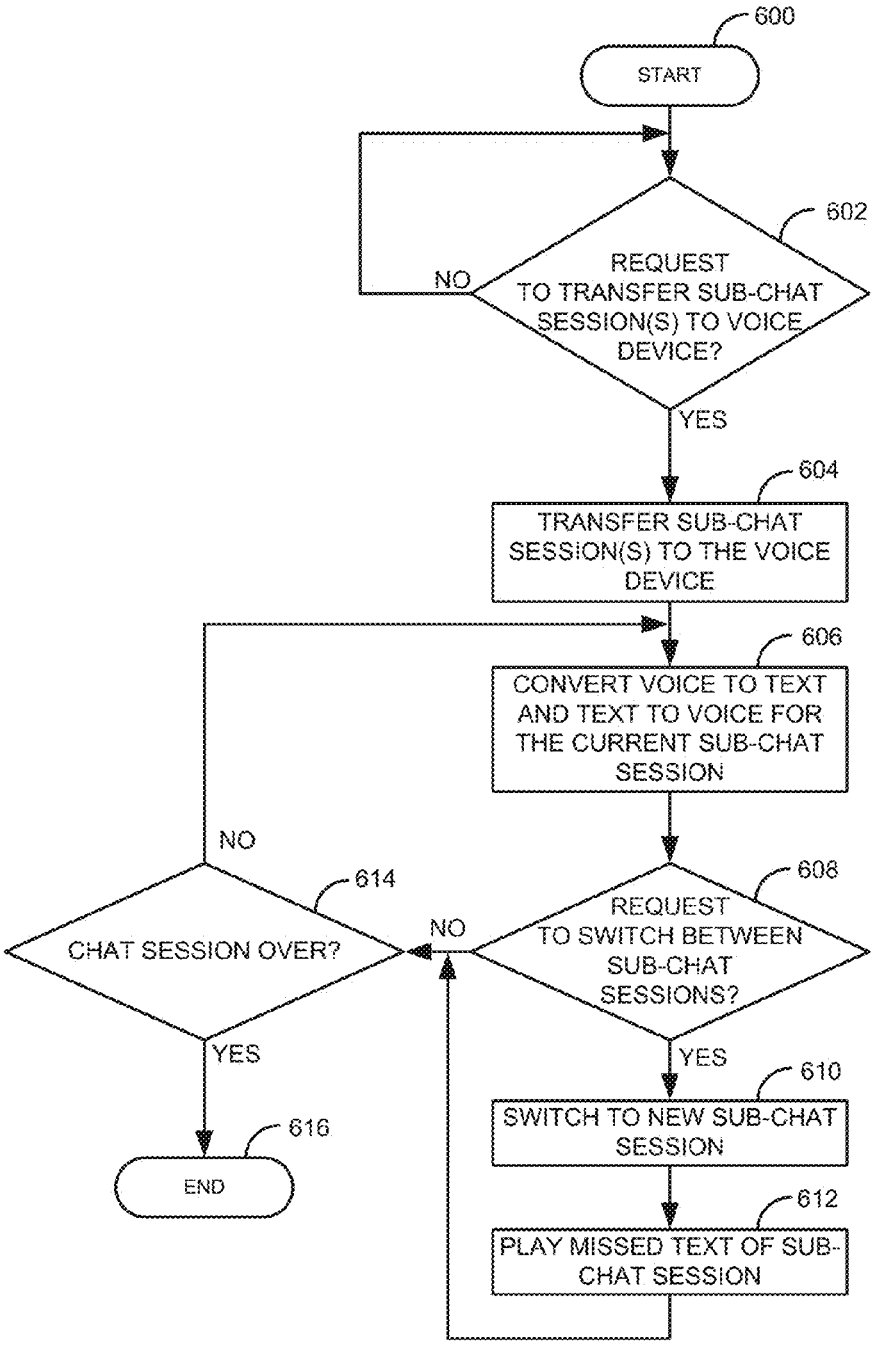

600
START
602
REQUEST TO TRANSFER SUB-CHAT SESSION(S) TO VOICE DEVICE?
NO
YES
604
TRANSFER SUB-CHAT SESSION(S) TO THE VOICE DEVICE
606
CONVERT VOICE TO TEXT AND TEXT TO VOICE FOR THE CURRENT SUB-CHAT SESSION
608
REQUEST TO SWITCH BETWEEN SUB-CHAT SESSIONS?
NO
YES
610
SWITCH TO NEW SUB-CHAT SESSION
612
PLAY MISSED TEXT OF SUB-CHAT SESSION
614
CHAT SESSION OVER?
NO
YES
616
END

FIG. 6

SYSTEM AND METHOD FOR TOPIC BASED SEGREGATION IN INSTANT MESSAGING

TECHNICAL FIELD

[0001] The systems and methods disclosed herein relate to Instant Messaging (IM) systems and in particular to configurable IM systems.

BACKGROUND

[0002] Current IM solutions offer one-to-one and group chat features. In a typical group chat, different topics are discussed. As a result, conversations on the different topics become intermixed within the IM session. This makes it difficult to follow a transcript of the IM session because a particular topic may be fragmented throughout the IM session. If a person wants to review a specific topic in the IM session, the person has to search through the whole transcript and pick out specific conversations on the topic of interest. This can be cumbersome if the transcript is long and there are numerous different topics discussed in the IM session.

SUMMARY

[0003] Systems and methods are provided to solve these and other problems and disadvantages of the prior art. To discuss multiple topics separately in an electronic chat session, a request to discuss one or more topics in the electronic chat session is detected. In response to detecting the request to discuss the one or more topics in the electronic chat session, a sub-chat session for each of the one or more topics is created within the electronic chat session. Information associated with each sub-chat session is sent to the participants of the electronic chat session. This allows each participant to chat separately on each topic via the separate sub-chat sessions; thus, creating an individual transcript for each topic.

BRIEF DESCRIPTION OF THE DRAWINGS

[0004] FIG. **1** is a block diagram of a first illustrative system for managing a chat session.

[0005] FIG. **2** is a diagram for creating one or more sub-chat sessions from a chat session.

[0006] FIG. **3** is a flow diagram of a process for managing a chat session.

[0007] FIG. **4** is a flow diagram of a process for managing different embodiments of a chat session.

[0008] FIG. **5** is a flow diagram of a process for modifying a sub-chat session.

[0009] FIG. **6** is a flow diagram of a process for transferring one or more sub-chat sessions to a voice communication device.

DETAILED DESCRIPTION

[0010] FIG. **1** is a block diagram of a first illustrative system **100** for managing a chat session. The first illustrative system **100** comprises communication devices **101**A-**101**N, a network **110**, and a communication system **120**.

[0011] The communication device **101** can be or may include any device that can communicate on the network **110**, such as a Personal Computer (PC), a telephone, a video system, a cellular telephone, a Personal Digital Assistant (PDA), a tablet device, a notebook device, a smart phone, and/or the like. As shown in FIG. **1**, any number of communication devices **101**A-**101**N may be connected to the network **110**, including only a single communication device **101**. In addition, the communication device **101** may be directly connected to the communication system **120**.

[0012] The network **110** can be or may include any collection of communication equipment that can send and receive electronic communications, such as the Internet, a Wide Area Network (WAN), a Local Area Network (LAN), a Voice over IP Network (VoIP), the Public Switched Telephone Network (PSTN), a packet switched network, a circuit switched network, a cellular network, a combination of these, and the like. The network **110** can use a variety of electronic protocols, such as Ethernet, Internet Protocol (IP), Session Initiation Protocol (SIP), Integrated Services Digital Network (ISDN), Instant Messaging (IM) protocols, text messaging protocols, Hypertext Transfer Protocol (HTTP), and/or the like. Thus, the network **110** is an electronic communication network that allows for sending of messages via packets and/or circuit switched communications.

[0013] The communication system **120** can be or may include any hardware/software that can manage communications on the network **110**, such as, a Private Branch Exchange (PBX), a router, an IM server, an IM router, a chat server, a text messaging server, and/or the like. The communication system **120** further comprises a chat server **121**, a chat monitor **122**, a network interface **123**, and a web server **124**.

[0014] The chat server **121** can be or may include any software/hardware that can manage chat communications on the network **110**, such as an IM server, a text messaging server, and/or the like. The chat server **121** can manage chat communications between the communication devices **101**A-**101**N. A chat communication can be or may include an IM communication, a text communication, and/or the like. In one embodiment, the chat server **121** may be on a communication device **101** or distributed between the communication system **120** and a communication device **101**.

[0015] The chat monitor **122** can be or may include any hardware/software that can monitor communications in a chat session. For example, the chat monitor **122** can monitor a chat session for keywords. In one embodiment, the chat monitor may **122** be on a communication device **101** or distributed between the communication system **120** and the communication device **101**.

[0016] The network interface **123** is a hardware interface for communicating on the network **110**, such as an Ethernet interface, a fiber optic interface, a wireless interface, an ISDN interface, and/or the like. In one embodiment, the network interface may be in a communication device **101**. For example, the chat server **121**, the chat monitor **122**, the network interface **123**, and optionally the web server **124** may all reside in the communication device **101**. In this embodiment, the communication device **101** works in a peer-to-peer configuration.

[0017] The web server **124** can be or may include any hardware/software that can provide web services to the communication devices **101**A-**101**N. For example, the web server **124** can provide an electronic chat session between the communication devices **101**A-**101**N. In one embodiment, the web server **124** is on a separate server from the communication system **120**.

[0018] FIG. **2** is a diagram for creating one or more sub-chat sessions from a chat session. FIG. **2** comprises windows of a user interface that are used to manage sub-chat sessions. FIG. **2** comprises a chat session window **200**, a new topic window **210**, and a sub-chat session window **220**. In one

embodiment, the chat session window **200**, the new topic window **210**, and the sub-chat session window **220** are web pages (e.g., one or more html documents) sent by the web server **124** to one or more of the communication devices **101**A-**101**N. Alternatively, the chat session window **200**, the new topic window **210**, and the sub-chat session window **220** are windows created by a distributed application that resides on the communication device **101** and/or other components of the communication system **120**.

[0019] The chat session window **200** comprises a text message send box **201**, a text message send button **202**, a define topic button **203**, and a chat message area **206**. The new topic window **210** comprises a cancel button **211**, an add button **212**, and an enter topic message box **213**. The sub-chat session window **220** comprises sub-chat message areas **221**A-**221**C, a text message send button **222**, a text message send box **223**, topic selection buttons **224**A-**224**C, a new topic button **225**, and a chat message area **227**. The topic selection buttons **224**A-**224**C are based on defined topics, in this example, for the topics: 1) project updates, 2) project timeline, and 3) organizational updates. The sub-chat message areas **221**A-**221**C further comprises add/remove participant buttons **226**A-**226**C.

[0020] The windows **200**, **210**, and **220** of FIG. **2** are representative of one illustrative embodiment of a display given to an administrator or moderator of the electronic chat session at one of the communication devices **101**. In this example, the view of FIG. **2** is from the view of the participant John, who is the moderator of the electronic chat session. One of skill in the art would recognize that the other participants in the electronic chat session (Sally and Fred) would see windows similar to windows **200** and **220** without administrative buttons, such as, the define topic button **203**, the add/remove participants buttons **226**A-**226**C, and the new topic button **225**. In another embodiment, all the participants may have similar views as shown in FIG. **2**. In yet another embodiment, the other participants (Sally and Fred) may have only a subset of features, such as, Sally and Fred may be able to add or remove participants, but may not be able to add new topics for discussion.

[0021] The process starts when an electronic chat session is established, by the chat server **121**, via the network **110**, between two or more (a plurality) participants at the communication devices **101**A-**101**N. This brings up the chat session window **200**. In this exemplary embodiment, the chat session window **200** displays an electronic chat session between three participants: **1**) John (who is the moderator), **2**) Sally, and **3**) Fred. The electronic chat session is displayed in the chat message area **206**. The electronic chat session displayed in FIG. **3** is a regular chat session window similar to chat session windows previously known in the art (minus the define topic button **203**). John enters messages for the electronic chat session via the text message send box **201** and clicks on the text message send button **202** to send a chat to the other participants.

[0022] The chat monitor **122** detects a request to discuss a topic in the electronic chat session. The chat monitor **122** can detect a request to discuss a topic(s) in the electronic chat session in various ways. For example, the chat monitor **122** can detect a keyword or phrase in the electronic chat session. In FIG. **3**, the chat monitor can detect the word "topic" along with the topics in numeric order as in the chat session window **200**. When the chat monitor **122** detects the word "topic" along with the numeric order of topics, the process, in step **205**, automatically displays the sub-chat session window **220**. The sub-chat session window **220** is automatically displayed based on the defined list of topics in the chat session window **200**. In this exemplary embodiment, the topics in the chat session window **200** are: **1**) project updates, **2**) project timeline, and **3**) organizational updates.

[0023] Alternatively, the chat monitor **122** can detect a request to discuss the topic in the electronic chat session based on the participant (John the moderator) clicking on a button or menu. In this example, the participant can click on the define topic button **203** in step **204**. When the participant clicks on the define topic button **203** in step **204**, the new topic window **210** is displayed to the participant. The participant can then enter the topic in the enter topic message box **213** and click on the add button **212** to bring up the sub-chat session window **220** in step **214**. The new topic window **210** is one of many ways that would be obvious to one of skill in the art to enter one or more topics. For example, the participant may be able to add multiple topics in the new topic window **210**. Alternatively, the participant may cancel defining a topic for the electronic chat session by clicking on the cancel button **211**.

[0024] In another embodiment, the chat monitor **122** can detect a request to discuss the topic in the electronic chat session based on another participant sending a request in the electronic chat session to discuss a topic(s). For example, the chat monitor **122** can detect a message from another participant based on a keyword in an individual chat from one of the other participants in the electronic chat session. The moderator can then approve the request to discuss the topic(s).

[0025] When the chat monitor **122** detects the request to discuss the topic in the electronic chat session, the chat server **121** creates one or more sub-chat sessions based on the topic (s). In this example, the chat monitor **122** creates sub-chat sessions for each topic (three sub-chat sessions). The three sub-chat sessions are shown in the sub-chat session window **220**. In this embodiment, the three sub-chat sessions are created using the same participants (John, Sally, and Fred) that were in the electronic chat session. However, in other embodiments, the moderator (John) can determine which of the other participants may be included in the individual ones of the sub-chat sessions. For example, John may exclude Fred from the sub-chat session for organizational updates.

[0026] The sub-chat session window **220** shows the original electronic chat session (in chat message area **227**) and the three sub-chat sessions for the three topics in the sub-chat message areas **221**A-**221**C. The first sub-chat session for the project updates sub-chat session is displayed in the sub-chat message area **221**A. The second sub-chat session for the project timeline sub-chat session is displayed in the sub-chat message area **221**B. The third sub-chat session for the organizational updates sub-chat session is displayed in the sub-chat message area **221**C.

[0027] The participants can select a topic to chat on with other participants in various ways. In this embodiment, the participant can select one of the topic selection buttons **224**A-**224**C to select a particular sub-chat session. Alternatively, the participant may click on one of the sub-chat message areas **221**A-**221**C to select a particular topic to converse with the other participants. In this illustrative example, the participant has selected the organizational updates sub-chat session (indicated by the grey background). To send a chat on the organizational updates sub-chat session (the currently selected

sub-chat session), the participant can enter text in the text message send box **223** and click on the text message send button **222**.

[0028] If a particular participant wants to send a chat on the project updates sub-chat session, the participant can select the topic selection button **224**A to select the project updates sub-chat session. The participant can then enter text in the text message send box **223** and click on the text message send button **222** to send a chat for the project updates sub-chat session. Likewise, the participant can select the topic selection button **224**B to select the project timeline sub-chat session. The participant can then enter text in the text message send box **223** and click on the text message send button **222** to send a chat for the project timeline sub-chat session.

[0029] A new participant can be added to a sub-chat session by clicking on the add/remove participant buttons **226**A-**226**C for each respective sub-chat session. For example, John can add a new participant (Jane) to the project timeline sub-chat session by clicking on the add/remove participant button **226**B. John is presented with a window (not shown) that allows John to add Jane to the sub-chat session for the project timeline. Likewise, John could remove a participant in a similar manner from one of the sub-chat sessions.

[0030] If the moderator wants to discuss an additional topic, the moderator can select the new topic button **225**. Selecting the new topic button **225** brings up a window (similar to the new topic window **210**) to add a new sub-chat session to the sub-chat session window **220**.

[0031] FIG. **3** is a flow diagram for a process for managing a chat session. Illustratively, the communication devices **101**A-**101**N, the communication system **120**, the chat server **121**, the chat monitor **122**, the network interface **123**, and the web server **124** are stored-program-controlled entities, such as a computer or processor, which performs the method of FIGS. **3-6** and the processes described herein by executing program instructions stored in a tangible computer readable storage medium, such as a memory or disk. Although the methods described in FIGS. **3-6** are shown in a specific order, one of skill in the art would recognize that the steps in FIGS. **3-6** may be implemented in different orders and/or be implemented in a multi-threaded environment. Moreover, various steps may be omitted or added based on implementation.

[0032] The process starts in step **300**. The process establishes an electronic chat session between two or more communication devices **101** in step **302**. The process determines if a request to discuss a topic in the electronic chat session has been detected in step **304**. If a request to discuss the topic in the electronic chat session has not been detected in step **304**, the process determines in step **306** if the electronic chat session is over. If the electronic chat session is over in step **306**, the process ends in step **312**. Otherwise, if the electronic chat session is not over in step **306**, the process goes back to step **304**.

[0033] If the request to discuss one or more topics has been detected in step **304**, the process creates a sub-topic session for each topic in step **308**. The process sends information associated with the sub-chat sessions to the communication devices **101**A-**101**N. For example, the web server **124** can send the sub-chat session window **220** with the sub-chat sessions to the communication devices **101**A-**101**N. The process goes back to step **304** to see if an additional request to discuss topics (e.g., if the moderator wants to add an additional topic).

[0034] FIG. **4** is a flow diagram for a process for managing different embodiments of a chat session. The process of FIG. **4** goes between step **304** (no branch) and step **306** of FIG. **3**. After determining that a request to discuss a topic(s) was not received in step **304**, the process determines in step **400** if one or more sub-chat sessions have been created. If one or more sub-chat sessions have not been created in step **400**, the process goes to step **306**.

[0035] Otherwise, if a sub-chat session has been created in step **400**, the process determines in step **402** if a participant wants to add a document to a sub-chat session. If the participant does not want to add a document to a sub-chat session in step **402**, the process goes to step **406**. Otherwise, if the participant wants to add a document to the sub-chat session in step **402**, the process adds the document to the sub-chat session in step **404** and goes to step **406**. The participant can add a document to a sub-chat session based on a button or menu. For example, the sub-chat message areas **221**A-**221**C may have an add document button for the participant to add a document to the individual sub-chat session.

[0036] The type of document that can be added to the sub-chat session can be any type of electronic document, such as a text document, a slide presentation, a read-only document, an editable document, a spreadsheet, a photograph, an audio file, a video file, and/or the like. Individual participants may be limited on which types or sizes of documents that can be added to the sub-chat session. For example, a moderator may only allow a specific participant to be able to add spreadsheets to a sub-chat session. In addition, individual participants, based on a defined rule, may or may not be able to add a document to any sub-chat session (or an individual sub-chat session).

[0037] The process determines if a participant, such as a moderator, wants to merge two or more sub-chat sessions in step **406**. If the participant does not want to merge sub-chat sessions in step **406**, the process goes to step **410**. Otherwise, if the participant wants to merge sub-chat sessions in step **406**, the process allows the participant to select the sub-chat sessions and merge the selected sub-chat session into a single sub-chat session in step **408** and the process goes to step **410**. In one embodiment, the selected sub-chat sessions are merged in a serial manner (i.e., one right after the other). Alternatively, the selected sub-chat sessions are merged based on a time of individual messages within the selected sub-chat sessions.

[0038] The process determines if a participant, such as the moderator, wants to selectively mute another participant in a sub-chat session in step **410**. When a participant is muted, the muted participant will be unable to view any chat messages in the sub-chat session by other participants for a period of time. For example, if John, Sally, and Fred were in a sub-chat session and John muted Sally, Sally would be unable to see any messages sent by John and Fred during the time that Sally was muted. If the process determines that a participant has been selectively muted in step **410**, the process mutes the participant from the sub-chat session in step **412** and the process goes to step **306**. Otherwise, if the process determines in step **410** that there is not a selective mute request for a participant of the sub-chat session, the process goes to step **306**. Although not shown, the process can selectively unmute a participant.

[0039] FIG. **5** is a flow diagram for a process for modifying a sub-chat session. The process of FIG. **5** typically occurs after a sub-chat session has been created. However, the pro-

cess of FIG. **5** may occur as part of the process for creating a sub-chat session. The process starts in step **500**. The process determines if a selection of an individual chat has been received in step **502**. An individual chat is an individual message sent by one of the participants in the sub-chat session. For example, the moderator (John) of FIG. **2** may select the individual chat "John: Good morning everyone" in the chat session window **200** chat message area **206**.

[0040] If a selection of an individual chat has not been received in step **502**, the process waits at step **502**. Otherwise, if a selection of an individual chat has been received in step **502**, the process determines which sub-chat session (if necessary) to associate the individual chat with in step **504**. For example, if there is only a single sub-chat session, the step of **504** is unnecessary because there is only a single sub-chat session. Step **504** can be based on a window that allows the user to select a particular sub-chat session if there are multiple sub-chat sessions. The process modifies sub-chat session to include the selected individual chat and any intervening chats in step **506**. For example, if the moderator John of FIG. **2** selected the individual chat "John: Good morning everyone" to be associated with the chat project updates, the text "John: Good morning everyone, John: Topics, 1) Project Updates, 2) Project Timeline, 3) Organizational Updates, Sally: Okay, Fred: Okay" would be added to the project updates sub-chat session.

[0041] By allowing the participant to add text from the chat message area **206** to a sub-chat session overcomes the problem of where a topic was discussed prior to creating the sub-chat session for the topic. For example, if the participants discussed the project timeline in detail before creating the project timeline sub-chat session, a participant can bring in the text from the chat message area into a sub-topic session.

[0042] The above process brings in the selected individual chat and any intervening chats. However, in other embodiments, the participant may be able to select specific individual chats to bring into the sub-chat session.

[0043] FIG. **6** is a flow diagram for a process for transferring one or more sub-chat sessions to a voice communication device. The process starts in step **600**. The process determines in step **602** if a participant has requested to transfer a sub-chat session(s) to a voice device, such as a telephone, mobile telephone, a smart phone, and/or the like. The request to transfer the sub-chat session(s) can be based on the user providing a telephone number of the voice device. If the request to transfer the sub-chat session(s) to the voice device has not been received in step **602**, the process repeats step **602**.

[0044] Otherwise, if the process determines that the request to transfer the sub-chat session(s) to the voice device has been received in step **602**, the process transfers the sub-chat session (s) to the voice device in step **604**. For example, if there are three sub-chat sessions(s) as shown in FIG. **2**, the three sub-chat sessions can be transferred as individual voice calls (e.g., using the Session Initiation Protocol). This would create three voice communication sessions, with two being placed on hold and the selected one being active.

[0045] The process converts voice to text and text to voice for the current sub-chat session in step **606**. For example, if the organizational updates sub-chat session was the currently selected sub-chat session (e.g., as shown in FIG. **2**), when the participant speaks, the participant's voice is converted to text messages in the organizational updates sub-chat session. The other participant's chat messages in the organizational updates sub-chat session are converted to voice.

[0046] The process determines if a request to switch between sub-chat sessions has been received (if there are multiple sub-chat sessions) in step **608**. Switching between sub-chat sessions can be accomplished in various ways. For example, the process can detect Dual Tone Multifunction (DTMF) tones to indicate a particular sub-chat session. Alternatively, the participant can use a DTMF tone to be directed to an Interactive Voice Response (IVR) system to select a sub-chat session from a menu in the IVR system. In one embodiment, the participant can use voice commands to switch between the different sub-chat sessions. For example, the participant can say "switch to organizational updates chat" to switch to the organizational updates sub-chat session.

[0047] If a request to switch between sub-chat sessions has not been received in step **608**, the process determines in step **614** of the chat session is over. If the chat session is over in step **614**, the process ends in step **616**. Otherwise, if the chat session is not over in step **614**, the process goes to step **606**.

[0048] If the request to switch between sub-chat sessions has been received in step **608**, the process switches to the new sub-chat session in step **610**. The process plays any missed text of the new sub-chat session and goes to step **614**. For example, referring to FIG. **2**, if Fred sent a new chat stating "yes, it will be in next week" in the project updates sub-chat session while John was listening to the organizational updates sub-chat session, when John switches to the project updates sub-chat session, the process will play a message stating that Fred stated "yes, it will be in next week." When switching between sub-chat sessions, the participant may also be provided with the ability to playback some or all of the sub-chat session.

[0049] Of course, various changes and modifications to the illustrative embodiment described above will be apparent to those skilled in the art. These changes and modifications can be made without departing from the spirit and the scope of the system and method and without diminishing its attendant advantages. The following claims specify the scope of the invention. Those skilled in the art will appreciate that the features described above can be combined in various ways to form multiple variations of the invention. As a result, the invention is not limited to the specific embodiments described above, but only by the following claims and their equivalents.

What is claimed is:

1. A system for managing an electronic chat session comprising:

a chat server configured to create a sub-chat session for a topic in response to detecting a request to discuss the topic in an electronic chat session;

a chat monitor configured to detect the request to discuss the topic in the electronic chat session; and

a network interface configured to send information associated with the sub-chat session to one or more communication devices via a communication network.

2. The system of claim **1**, wherein the request to discuss the topic is based on detecting a word or phrase in the electronic chat session sent by a moderator of the chat session.

3. The system of claim **1**, wherein the request to discuss the topic is based a request sent from a participant in the electronic chat session to a moderator of the electronic chat session.

4. The system of claim **1**, wherein the electronic chat session comprises a plurality of participants and wherein the chat server is further configured to add the plurality of participants to the sub-chat session.

5. The system of claim **4**, wherein the topic comprises a plurality of topics, wherein a plurality of sub-chat sessions are created based on the plurality of topics and wherein the chat server is further configured to add an additional participant to an individual one of the plurality of sub-chat sessions.

6. The system of claim **1**, wherein the request to discuss the topic in the electronic chat session occurs after the topic has been discussed in the electronic chat session and wherein:

the chat monitor is further configured to receive a selection of an individual chat in the electronic chat session that started the topic; and

the chat server is further configured to modify the sub-chat session to include the selected individual chat and any intervening chats.

7. The system of claim **1**, wherein the topic comprises a plurality of topics, wherein a plurality of sub-chat sessions are created based on the plurality of topics, and wherein the chat monitor is further configured to attach a document to an individual one of the plurality of sub-chat sessions.

8. The system of claim **1**, wherein the topic comprises a plurality of topics, wherein a plurality of sub-chat sessions are created based on the plurality of topics, and wherein the chat server is further configured to merge at least two or more of the plurality of sub-chat sessions into a single sub-chat session.

9. The system of claim **1**, wherein the topic comprises a plurality of topics, wherein a plurality of sub-chat sessions are created based on the plurality of topics, and wherein the chat server is further configured to selectively mute an individual participant for a period of time in an individual one of the plurality of sub-chat sessions.

10. A method for managing an electronic chat session comprising:

detecting a request to discuss a topic in an electronic chat session;

in response to detecting the request to discuss the topic in the electronic chat session, creating a sub-chat session for the topic; and

sending information associated with the sub-chat session to one or more communication devices via a communication network.

11. The method of claim **10**, wherein the request to discuss the topic is based on detecting a word or phrase in the electronic chat session sent by a moderator of the chat session.

12. The method of claim **10**, wherein the request to discuss the topic is based a request sent from a participant in the electronic chat session to a moderator of the electronic chat session.

13. The method of claim **10**, wherein the electronic chat session comprises a plurality of participants and further comprising: adding the plurality of participants to the sub-chat session.

14. The method of claim **13**, wherein the topic comprises a plurality of topics and further comprising: creating a plurality of sub-chat sessions based on the plurality of topics and adding an additional participant to an individual one of the plurality of sub-chat sessions.

15. The method of claim **10**, wherein the request to discuss the topic in the electronic chat session occurs after the topic has been discussed in the electronic chat session and further comprising:

receiving a selection of an individual chat in the electronic chat session that started the topic; and

modifying the sub-chat session to include the selected individual chat and any intervening chats.

16. The method of claim **10**, wherein the topic comprises a plurality of topics and further comprising: creating a plurality of sub-chat sessions based on the plurality of topics and attaching a document to an individual one of the plurality of sub-chat sessions.

17. The method of claim **10**, wherein the topic comprises a plurality of topics and further comprising: creating a plurality of sub-chat sessions based on the plurality of topics and merging at least two or more of the plurality of sub-chat sessions into a single sub-chat session.

18. The method of claim **10**, wherein the topic comprises a plurality of topics and further comprising: creating a plurality of sub-chat sessions based on the plurality of topics and selectively muting, by a moderator, an individual participant for a period of time in an individual one of the plurality of sub-sessions.

19. The method of claim **10**, wherein the topic comprises a plurality of topics and further comprising:

creating a plurality of sub-chat sessions based on the plurality of topics;

transferring the plurality of sub-chat sessions to a voice device of a participant;

converting voice into text and text into voice for the plurality of sub-chat sessions; and

wherein the participant can switch between the plurality of sub-chat sessions based on a voice command or menu selection.

20. A non-transitory computer readable medium having stored thereon instructions that, when executed, cause a processor to perform a method, the instructions comprising:

instructions to detect the request to discuss a topic in an electronic chat session;

instructions to create a sub-chat session for the topic in response to detecting a request to discuss the topic in the electronic chat session; and

instructions to send information associated with the sub-chat session to one or more communication devices via a communication network.

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