NOVEL COMMUNICATION AND MESSAGING SYSTEM

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BACKGROUND

Field

[0001] The present application relates to a novel communication and messaging system. More specifically, the novel messaging system allows a user to organize his contact list based on the structure of an enterprise associated with the user. In addition, the novel messaging system can be configured to allow a device to send voice reminders for a certain event to a different device.

Related Art

[0002] The rapid development of mobile technologies has fundamentally changed the ways people communicate with each other. In addition to conventional phone calls and text messages, more and more people are relying on social networking apps (e.g., Facebook® and Instagram®) to stay connected. In addition to text, many social networking apps allow users to send voice messages, pictures, and videos.

[0003] However, currently available messaging systems are often geared toward the general population and are not designed to be used in special settings (e.g., in a business or enterprise setting). In fact, most people are continuing to use the traditional email messages and telephone calls to conduct business.

SUMMARY

[0003a] The invention is defined in the independent claims. Further embodiments of the invention are defined in the dependent claims.

[0004] One embodiment of the present invention provides a system for delivering forced reminders. During operation, a client device displays a user interface, which includes a menu item associated with forced reminders. In response to a user selecting the menu item, the client device displays a forced-reminder user interface, which includes a content display area configured to display one or more forced-reminder messages.

[0005] In a variation on this embodiment, in response to the user configuring a filtering option in the forced-reminder user interface, the content display area displays at least one of: all forced-reminder messages associated with the user, one or more forced-reminder messages received by the user, one or more forced-reminder messages sent by the user, and one or more

What Is Claimed Is:

1. A computer-executable method, comprising:

displaying, by a client device, a user interface, wherein the user interface includes a menu item associated with forced reminders;

in response to a user selecting the menu item, displaying a forced-reminder user interface, wherein the forced-reminder user interface includes a content display area configured to display one or more forced-reminder messages, and

in response to the user entering a command in the forced-reminder user interface, displaying a forced-reminder-message-generation user interface, wherein the forced-reminder-message-generation user interface includes an input control area, wherein the input control area comprises:

a recipient input control for allowing the user to specify one or more recipients of a generated forced-reminder message, the generated forced-reminder message relating to a sent message that is unread by the one or more recipients, wherein the sent message is sent via a first communication channel;

a communication-channel input control for allowing the user to specify a second communication channel for delivering the generated forced-reminder message, wherein the second communication channel is different from the first communication channel; and

a delivery-time control for allowing the user to specify a time to deliver the generated forced-reminder message.

2. The method of claim 1, further comprising:

in response to the user configuring a filtering option in the force-reminder user interface, displaying at least one of:

all forced-reminder messages associated with the user;

one or more forced-reminder messages received by the user;

one or more forced-reminder messages sent by the user; and

one or more forced-reminder messages deleted by the user.

3. The method of claim 1, wherein displaying a respective forced-reminder message further comprising:

obtaining confirmation-status information associated with the forced-reminder message; and

displaying the confirmation status information to indicate whether all, a portion of, or

none of recipients of the forced-reminder message have confirmed the forced-reminder message.

4. The method of claim 3, further comprising:

in response to the user configuring a filtering option in the force-reminder user interface, displaying at least one of:

one or more forced-reminder messages that are confirmed by all recipients;

one or more forced-reminder messages that are confirmed by a portion of recipients; and

one or more forced-reminder messages that have not been confirmed by any recipient.

5. The method of claim 1, wherein the second communication channel includes one of:

a telephone channel; and

a short-message-service (SMS) channel.

6. The method of claim 5, further comprising:

in response to the user specifying the second communication channel as the telephone channel, making a voice call to the one or more specified recipients at the specified delivery time; and

in response to a recipient answering the voice call, playing the generated forced-reminder message to the recipient.

7. The method of claim 1, wherein a respective forced-reminder message includes one or more of:

text;

emoji;

graphics;

audio; and

video.

8. A computer system, comprising:

a processor;

a memory storing instructions that when executed by the processor cause the computer system to perform a method, the method comprising:

displaying a user interface, wherein the user interface includes a menu item associated with forced reminders;

in response to a user selecting the menu item, displaying a forced-reminder user interface, wherein the forced-reminder user interface includes a content display area configured to display one or more forced-reminder messages, and

in response to the user entering a command in the forced-reminder user interface, displaying a forced-reminder-message-generation user interface, wherein the forced-reminder-message-generation user interface includes an input control area, wherein the input control area comprises:

a recipient input control for allowing the user to specify one or more recipients of a generated forced-reminder message, the generated forced-reminder message relating to a sent message that is unread by the one or more recipients, wherein the sent message is sent via a first communication channel;

a communication-channel input control for allowing the user to specify a second communication channel for delivering the generated forced-reminder message, wherein the second communication channel is different from the first communication channel; and

a delivery-time control for allowing the user to specify a time to deliver the generated forced-reminder message.

9. The computer system of claim 8, wherein displaying a respective forced-reminder message further comprising:

obtaining confirmation-status information associated with the forced-reminder message; and

displaying the confirmation status information to indicate whether all, a portion of, or none of recipients of the forced-reminder message have confirmed the forced-reminder message.

10. The computer system of claim 8, wherein the second communication channel includes one of: a telephone channel; and a short-message-service (SMS) channel.

11. The computer system of claim 10, wherein the method further comprising:

in response to the user specifying the second communication channel as the telephone channel, making a voice call to the one or more specified recipients at the specified delivery time; and

in response to a recipient answering the voice call, playing the generated forced-reminder message to the recipient.

12. A computer program or a computer program product comprising instructions which, when executed by a computing device, cause the computing device to carry out the method of any one of claims 1 to 7.

13. A computer-executable method, comprising:

displaying, by a client device, a user interface, wherein the user interface includes a menu item associated with one or more sent messages, and wherein the one or more sent messages are sent via a first communication channel; and

in response to a user selecting, from the one or more sent messages, an unread sent message, displaying a forced-reminder-message-generation user interface,

wherein the forced-reminder-message-generation user interface includes an input control area, wherein the input control area comprises a communication-channel input control for allowing the user to specify a second communication channel for delivering a generated forced-reminder message, and wherein the second communication channel is different from the first communication channel.

14. A computer program or a computer program product comprising instructions which, when executed by a computing device, cause the computing device to carry out the method of claim 13.