MESSAGE TRANSFER SYSTEM INCLUDING DISPLAY DEVICE AND MOBILE DEVICE AND MESSAGE TRANSFER METHOD THEREOF

PRIORITY

[0001] This application is a continuation of application Ser. No. 14/146,295, filed Jan. 2, 2014, which claims priority from Korean Patent Application No. 10-2013-0000322, filed on Jan. 2, 2013 and No. 10-2013-0012155, filed on Feb. 4, 2013, in the Korean Intellectual Property Office, the disclosures of which are incorporated herein by reference in their entirety.

BACKGROUND OF THE INVENTION

[0002] 1. Field of the Invention

[0003] Apparatuses and methods consistent with exemplary embodiments relate to providing a message transfer system including a display device, a mobile device, and a message transfer method thereof, and more particularly to providing a message transfer system including a display device, a mobile device, and a message transfer method thereof, which can conveniently transfer a message through acquisition of information related to a current state.

[0004] 2. Description of the Related Art

[0005] Recently, with the growth of communication technology and electronic device technology, various portable communication devices and display devices have been developed. Many people possess personal portable communication devices, and display devices that perform various functions have been installed in many vehicles.

[0006] In the case of communication devices, even if the technology is further developed, phone calls and text messages are some of the primary methods to transfer information to another party. Further, phone calls, text messages, and web search are some of the primary methods to receive information.

[0007] In particular, a primary method that is used to conveniently transfer information to another party is text message transfer. However, for such text message transfer, a text input process is necessary to prepare a phrase. In special situations, such as driving a car, such a text input process may be dangerous. Furthermore, mistyping may occur during the text input process. Although the size of the display of portable communication devices has become larger, it is relatively smaller than those of other display devices due to the characteristic of the portable device itself. Accordingly, in order to perform text input through such a relatively small screen, it is necessary for a user to concentrate his/her attention thereon, and this may cause inconvenience in use and danger in the special situations.

[0008] In order to solve the above-described problem, technology to transfer text by voice recognition has been researched. However, a user's voice is often not completely recognized or is not completely converted into text.

[0009] Accordingly, there is a need for technology that enables a user to conveniently send a text message using the display device.

SUMMARY OF THE INVENTION

[0010] Exemplary embodiments address at least the above problems and/or disadvantages and other disadvantages not described above. Also, the exemplary embodiments are not required to overcome the disadvantages described above, and an exemplary embodiment may not overcome any of the problems described above.

[0011] One or more exemplary embodiments provide a message transfer system including a display device, a mobile device, and a message transfer method thereof, which can conveniently transfer a message through acquisition of current status information of the user.

[0012] According to an aspect of an exemplary embodiment, there is provided a display device includes a memory configured to store a plurality of templates which are differently set according to kinds of messages; a detector configured to detect different pieces of status information; a display configured to display a message transfer screen; a controller configured to automatically generate a message through combination of at least one of the plurality of templates and at least one of the different pieces of status information, which respectively correspond to a selected kind of message, when the kind of message to be transferred is selected on the message transfer screen; and a communicator configured to transfer the generated message to an external device.

[0013] The plurality of templates can be configured to be updated according to a user operation.

[0014] The kinds of messages may include at least one of a first message for notifying of location information of the display device, a second message for notifying of traffic status information, a third message for notifying of estimated arrival time information, a fourth message for notifying of weather information, and a fifth message for notifying of content information that is reproduced through the display device, and the status information may include at least one of the location information of the display device, the traffic status information, the estimated arrival time information, the weather information, and the content information that is reproduced through the display device.

[0015] The kinds of messages can be configured to be edited according to a user operation.

[0016] The controller may be configured to control the communicator to transfer call details and location information of the display device to a server when a phone call is made.

[0017] According to an aspect of another exemplary embodiment, there is provided a message transfer method of a display device includes detecting different pieces of status information; displaying a message transfer screen; automatically generating a message through combination of one of a plurality of stored templates that are differently set according to kinds of messages and at least one of the different pieces of status information, which respectively correspond to a selected kind of message, when the kind of message to be transferred is selected on the message transfer screen; and transferring the generated message to an external device.

[0018] The plurality of stored templates can be updated according to a user operation.

[0019] The kinds of messages may include at least one of a first message for notifying of location information of the display device, a second message for notifying of traffic status information, a third message for notifying of estimated arrival time information, a fourth message for notifying of weather information, and a fifth message for notifying of content information that is reproduced through the display device, and the status information may include at least one of the location information of the display device,