

MOBILE COMMUNICATION DEVICE USER INTERFACE

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] The present application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application Ser. No. 61/100,181, filed Sep. 25, 2008, which is herein incorporated by reference in its entirety.

BACKGROUND

[0002] The popularity of mobile communication devices, such as mobile phones, smart phones, communication-enabled personal digital assistants, and so forth is ever increasing. Traditionally mobile communication devices were configured as single or limited function devices, such as a mobile phone limited to phone service, phone service and text messaging, and so on. As the popularity of mobile communication devices has increased, manufacturers have responded by developing cross-functional devices that provided multiple functions in a single device. For example, mobile communication devices, particularly smart phones, often provide functionality such as email, navigation, Internet browsing, media playback, media recording, and so on, in addition to phone service and text messaging.

[0003] Access to functionality provided by a mobile communication device is furnished through the device's user interface. Increasingly, user interfaces employ graphical icons displayed by a display of the mobile communication device to access the various functions provided by the device when selected. In most devices, the icons are arranged in a grid patterns in one or more menu screens of the user interface. Thus, little or no distinction is made between icons associated with commonly used functions, such as phone service functions or text messaging functions, and functions that are seldom used.

SUMMARY

[0004] Techniques are described to provide a user interface for a display of a mobile communication device. In an implementation, a user interface comprises a main menu having a fixed portion and a movable portion. The fixed portion includes icons associated with primary functions of the mobile communication device ("primary icons"), while the movable portion includes icons associated with secondary functions of the mobile communication device ("secondary icons"). The secondary icons may be scrolled within the movable portion in response to receipt of a touch input via a touch screen overlaying the display while the primary icons within the fixed portion remain stationary with respect to the display.

[0005] This Summary is provided solely to introduce subject matter that is fully described in the Detailed Description and Drawings. Accordingly, the Summary should not be considered to describe essential features nor be used to determine scope of the claims.

BRIEF DESCRIPTION OF THE DRAWINGS

[0006] The detailed description is described with reference to the accompanying figures. In the figures, the left-most digit(s) of a reference number identifies the figure in which the reference number first appears. The use of the same ref-

erence numbers in different instances in the description and the figures may indicate similar or identical items.

[0007] FIG. 1 is an illustration an environment in an example implementation employing a mobile communication device that is operable to generate a user interface.

[0008] FIG. 2 is a flow diagram depicting a procedure in an example implementation in which a user interface is generated by the mobile communication device of FIG. 1.

[0009] FIG. 3 is an illustration depicting a main menu of the user interface generated by the mobile communication device of FIG. 1, wherein the user interface is shown in portrait mode.

[0010] FIG. 4 is an illustration depicting a main menu screen of the user interface generated by the mobile communication device of FIG. 1, wherein the user interface is shown in landscape mode.

[0011] FIG. 5 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to answer an incoming telephone call.

[0012] FIG. 6 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to conduct a telephone call.

[0013] FIG. 7 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to enter alphanumeric and/or character selections during a call.

[0014] FIG. 8 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to telephone calling functions of the user interface.

[0015] FIG. 9 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to answer and conduct two or more simultaneous telephone calls.

[0016] FIG. 10 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to conduct a conference call.

[0017] FIG. 11 is an illustration depicting screen-savers of the user interface generated by the mobile communication device of FIG. 1.

[0018] FIG. 12 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to place a telephone call using the mobile communication device.

[0019] FIG. 13 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to display call history of the mobile communication device.

[0020] FIG. 14 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to display an address book/contacts list.

[0021] FIG. 15 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to display information for a contact selected from the address book/contacts list shown in FIG. 14.

[0022] FIG. 16 is an illustration depicting submenu screens of the user interface generated by the mobile communication device of FIG. 1 that provide access to functionality to pro-