

the first area with the suggested replacement character string if the user performs a first gesture on the suggested replacement character string displayed in the second area; and means for keeping the current character string in the first area if the user performs a second gesture on the current character string or the portion thereof displayed in the second area.

BRIEF DESCRIPTION OF THE DRAWINGS

[0012] For a better understanding of the aforementioned embodiments of the invention as well as additional embodiments thereof, reference should be made to the Description of Embodiments below, in conjunction with the following drawings in which like reference numerals refer to corresponding parts throughout the figures.

[0013] FIG. 1 is a block diagram illustrating a portable electronic device in accordance with some embodiments.

[0014] FIG. 2 illustrates a portable electronic device having a touch screen and a soft keyboard in accordance with some embodiments.

[0015] FIG. 3 is a flow diagram illustrating a process for providing word recommendations in accordance with some embodiments.

[0016] FIGS. 4A-4I illustrate a user interface for providing word recommendations in accordance with some embodiments.

[0017] FIGS. 5A-5B illustrate a user interface for showing originally entered text in accordance with some embodiments.

DESCRIPTION OF EMBODIMENTS

[0018] Reference will now be made in detail to embodiments, examples of which are illustrated in the accompanying drawings. In the following detailed description, numerous specific details are set forth in order to provide a thorough understanding of the present invention. However, it will be apparent to one of ordinary skill in the art that the present invention may be practiced without these specific details. In other instances, well-known methods, procedures, components, circuits, and networks have not been described in detail so as not to unnecessarily obscure aspects of the embodiments.

[0019] Embodiments of user interfaces and associated processes for using a portable electronic device are described. In some embodiments, the device is a portable communications device such as a mobile telephone. The user interface may include a click wheel in addition to a touch screen. A click wheel is a physical user-interface device that may provide navigation commands based on an angular displacement of the wheel or a point of contact with the wheel by a user of the device. A click wheel may also be used to provide a user command corresponding to selection of one or more items, for example, when the user of the device presses down on at least a portion of the wheel or the center of the wheel. For simplicity, in the discussion that follows, a portable electronic device (e.g., a cellular telephone that may also contain other functions, such as text messaging, PDA and/or music player functions) that includes a touch screen is used as an exemplary embodiment. It should be understood, however, that the user interfaces and associated processes may be applied to other devices, such as personal digital assistants (PDA's), personal computers and laptops, which may include one or more other physical user-interface devices, such as a click wheel, a keyboard, a mouse and/or a joystick.

[0020] The device may support a variety of applications, such as one or more telephone applications, a text messaging application, a word processing application, an email application, a web browsing application, and a music player. The music player may be compatible with one or more file formats, such as MP3 and/or AAC. In an exemplary embodiment, the device includes an iPod music player (iPod trademark of Apple Computer, Inc.).

[0021] The various applications that may be executed on the device may use at least one common physical user-interface device, such as the touch screen. In embodiments that include a touch screen, one or more functions of the touch screen as well as corresponding information displayed on the device may be adjusted and/or varied from one application to the next and/or within a respective application. In this way, a common physical architecture (such as the touch screen) of the device may support the variety of applications with user interfaces that are intuitive and transparent to a user.

[0022] The user interfaces may include one or more keyboard embodiments displayed on a touch screen. The keyboard embodiments may include standard (QWERTY) and/or non-standard configurations of symbols on the displayed icons of the keyboard. The keyboard embodiments may include a reduced number of icons (or soft keys) relative to the number of keys in existing physical keyboards, such as that for a typewriter. This may make it easier for users to select one or more icons in the keyboard, and thus, one or more corresponding symbols. The keyboard embodiments may be adaptive. For example, displayed icons may be modified in accordance with user actions, such as selecting one or more icons and/or one or more corresponding symbols. One or more applications on the portable device may utilize common and/or different keyboard embodiments. Thus, the keyboard embodiment used may be tailored to at least some of the applications. In some embodiments, one or more keyboard embodiments may be tailored to a respective user. For example, based on a word usage history (lexicography, slang, individual usage) of the respective user. Some of the keyboard embodiments may be adjusted to reduce a probability of a user error when selecting one or more icons, and thus one or more symbols, when using the keyboard embodiments.

[0023] Attention is now directed to an embodiment of a portable communications device. FIG. 1 is a block diagram illustrating an embodiment of a device 100, such as a portable electronic device having a touch-sensitive display 112. The touch-sensitive display 112 is sometimes called a "touch screen" for convenience. The device 100 may include a memory controller 120, one or more data processors, image processors and/or central processing units 118 and a peripherals interface 116. The memory controller 120, the one or more processors 118 and/or the peripherals interface 116 may be separate components or may be integrated, such as in one or more integrated circuits 104. The various components in the device 100 may be coupled by one or more communication buses or signal lines 103.

[0024] If the device 110 includes picture taking capabilities, the peripherals interface 116 may be coupled to an optical sensor 148, such as a CMOS or CCD image sensor. The peripherals interface 116 is also coupled to RF circuitry 108; audio circuitry 110; and/or an input/output (I/O) subsystem 106. The audio circuitry 110 may be coupled to a speaker 142 and a micro-phone 144. The device 100 may support voice recognition and/or voice replication. The RF circuitry 108 may be coupled to one or more antennas 146 and may allow