

[0019] In another embodiment, a plurality of icons are displayed on a touch-sensitive display. Two or more subsets of the plurality of icons are arranged in corresponding rows. A contact by a user with the touch-sensitive display that corresponds to the respective icon is determined. The displayed plurality of icons are modified to include a space greater than a pre-determined value between a row corresponding to the respective icon and an adjacent row on the touch-sensitive display while the contact is maintained. A symbol corresponding to the respective icon is displayed in the space while the contact is maintained.

[0020] In some embodiments, a method includes displaying a plurality of icons on a touch-sensitive display. A respective icon in the plurality of icons corresponds to at least one symbol. One or more recommended words are displayed. The one or more recommended words are in accordance with a user history. The one or more recommended words are displayed prior to detecting any contacts by a user corresponding to symbol selection in a current application session. A contact by the user with the touch-sensitive display is detected. The contact includes a gesture. A respective recommended word corresponding to the gesture is selected.

[0021] The gesture may include a swipe motion. The swipe motion may include a horizontal component with displacement from left to right or from right to left along the touch-sensitive display. The swipe motion may include a vertical component with displacement downward or upward along the touch-sensitive display.

[0022] The gesture may include one or more taps. A respective tap may include making contact with the touch-sensitive display for a time interval less than a pre-determined value.

[0023] The gesture may include a rolling motion of the contact. The rolling motion may be from left to right or from right to left along the touch-sensitive display.

[0024] In some embodiments, a method includes displaying a plurality of icons on a touch-sensitive display. A respective icon in at least a subset of the plurality of icons corresponds to two or more symbols. A contact by a user with the touch-sensitive display that corresponds to a selection of the respective icon, wherein the contact includes a respective gesture, is detected. A respective symbol in the two or more symbols for the respective icon to which the contact further corresponds is determined. The respective symbol is a first symbol in the two or more symbols if the respective gesture includes a continuous contact and the respective symbol is a second symbol in the two or more symbols if the respective gesture includes a discontinuous contact.

[0025] The continuous contact may include a swipe motion. The swipe motion may include a horizontal component with displacement from left to right or from right to left along the touch-sensitive display. The swipe motion may include a vertical component with displacement downward or with displacement upward along the touch-sensitive display. The continuous contact may include a rolling motion of the contact. The rolling motion may be from left to right or from right to left along the touch-sensitive display.

[0026] The discontinuous contact may include one or more taps. A respective tap may include contact with the

touch-sensitive display for a time interval less than a first pre-determined value. Two or more consecutive taps may correspond to the second symbol if a time interval between two or more corresponding contacts is less than a second pre-determined value.

[0027] The first symbol may be included in a first subset of symbols and the second symbol may be included in a second subset of symbols. The first subset of symbols may have a probability of occurrence that is greater than a first pre-determined value and the second subset of symbols may have a probability of occurrence that is less than the first pre-determined value.

[0028] The probability of occurrence may be in accordance with a user history. The probability of occurrence may be in accordance with a lexicography model. The lexicography model may include a frequency of usage of symbols in a language.

[0029] In some embodiments, the second symbol for the respective icon has a probability of occurrence immediately following the first symbol for the respective icon that is less than a second pre-determined value. In some embodiments, the first symbol for the respective icon has a probability of occurrence immediately following the second symbol for the respective icon that is less than a second pre-determined value.

[0030] In some embodiments, the displayed respective icon is modified to indicate that the contact corresponds to a respective symbol. In some embodiments, a visual indicator corresponding to a respective symbol is provided. The visual indicator may include visual illumination proximate to the respective icon. The visual illumination may include a band around at least a portion of the respective icon.

[0031] In some embodiments, a method includes displaying a plurality of icons on a touch-sensitive display. A respective icon in at least a subset of the plurality of icons corresponds to two or more symbols. A first symbol in the two or more symbols belongs to a first subset of symbols and a second symbol in the two or more symbols belongs to a second subset of symbols. The first symbol has a probability of occurrence that is greater than a first pre-determined value and the second symbol has a probability of occurrence that is less than the first pre-determined value. A contact by a user with the touch-sensitive display that corresponds to a selection of the respective icon is detected. The contact includes a respective gesture. A respective symbol in the two or more symbols for the respective icon to which the contact further corresponds is determined.

[0032] The probability of occurrence may be in accordance with a user history. The probability of occurrence may be in accordance with lexicography model. The lexicography model may include a frequency of usage of symbols in a language. The second symbol may have a probability of occurrence immediately following the first symbol that is less than a second pre-determined value.

[0033] The first symbol may be selected using one or more tap gestures and the second symbol may be selected using a swipe gesture. A respective tap may include making contact with the touch-sensitive display for a time interval less than a second pre-determined value. Two or more consecutive taps may correspond to the second symbol if a time interval between two or more corresponding contacts is less than a third pre-determined value.