

receive results from multiple searches at once or results can be obtained at different rates. The result component can wait a predetermined period of time and provide any results received during that period of time for display. The result component **206** can also wait for a signal indicating that any searches are complete before assembling and providing the results for display. Results can be sorted by class or type of data. In addition, within class or type, results can be sorted based upon numerical order, alphabetical order, order in which the results were most recently accessed or any other property of the results.

[0038] Search results can include data as well as one or more tasks associated with the retrieved data. For example, a search can retrieve a contact, Joe Smith and one or more tasks associated with Joe Smith. Such tasks can include a task for calling Joe Smith or a task for sending an email message to Mr. Smith. Tasks associated with a search result can be provided to users through a menu. Upon selection of a search result within the list of search results, users can be provided with a menu of tasks associated with the search result.

[0039] The display component **208** can utilize the results to render a view of the relevant data to the display screen **106**. The display component **208** can modify the view rendered to the display screen **106** based upon the number and type of results to be displayed. In addition, the view can be dependent upon context. The results can be managed in one or more groups or lists by type. The result list currently displayed, referred to herein as the current result list, can be selected based upon an item with focus when the search was initiated. The display component **208** can also update the display to indicate additional classes or types of data with available search results.

[0040] The search component **102** can also include a keyword component **210**. The keyword component **210** can maintain a predefined set of keywords associated with content, applications and services either local to the mobile device or remotely located. In addition, keywords can provide shortcuts to mobile device tasks, such as audio settings, power management and the like. The keywords can be represented as text strings. The keyword component **210** can search the set of keywords based upon a search generated by the search request component **204**. The results of the search of the set of keywords can be provided to the result component **206**. Keyword matches can be considered and represented as a separate class or data type and can be rendered in a separate list for display. The use of keywords can allow users to locate data based upon a subject word or keyword associated with the content rather than the literal label of the content. For example, a local weather website named "examplecityweather.com" can be associated with the keyword "weather." Accordingly, a search for the text string "weather" or even just the partial string "wea" would return the keyword "weather" and access to the website "examplecityweather.com."

[0041] Keywords can be a predefined set of words, however the data or task to which a keyword is mapped can be dynamic. For example, a keyword can map to a particular website in one geographic context, and the same keyword can map to a second, distinct website in a second geographic context. Dynamic keywords can be particularly advantageous when marketed to service providers. For instance, in

the United States, a U.S. company can purchase the rights to the keyword "pizza", such that selection of the word pizza will automatically retrieve information regarding the closest company franchise, the phone number and perhaps coupons or special offers. In Italy, the same keyword "pizza" can be purchased by an entirely different Italian company. When a user is in the United States, entry of the word "pizza" will provide a shortcut to data or services for the U.S. Company. If the user travels to Italy, the same keyword can provide a shortcut to the content specified by the Italian company. The content associated with a keyword can be updated automatically.

[0042] Referring now to FIG. 3, an exemplary user interface display **300** is illustrated. When a user begins to enter input, the display of the mobile device can be updated to display the illustrated user interface display **300** and provide for the entry of input and display of search results. The user interface display **300** can include a title bar **302** that can include icons, images and/or text indicating the current time, battery power and connectivity for the mobile device. The user interface **300** can also include an accumulator **304**. The accumulator can display accumulated user input that can be used as search criteria. As the user enters additional input, the accumulator **304** can be updated to include the additional input. The accumulator **304** can also be cleared to start a fresh search. In addition, the user interface **300** can include a search result control bar **306**. The search result control bar **306** can include text labels, graphic images or icons indicating the type of results currently displayed upon the user interface **300**. The search result control bar **306** can also include text, graphic images or icons indicating additional available result types. The result group **308** can contain a list of results, such as people or contacts. A contact, as used herein, indicates an individual or entity. Data such as phone numbers, email information, addresses and the like can be maintained for each contact. The result group **308** can be represented as a vertical list of results within the user interface display **300**. Each result can indicate content available to the user. In addition, the user interface display **300** can include a softkey bar **310** including one or more softkey functions labels (e.g., Call and More). A softkey is typically a button located proximate to the display space. Generally, the function of the button is defined by the softkey function label shown near the button on the display space. Additional controls and features can be included in a user interface display **300**.

[0043] In the exemplary user interface display **300**, the accumulator **304** indicates that the number "3" has been entered as input. Due to the limited keypads of mobile phones and other mobile devices, numbers can be mapped to multiple characters. Typically, the number "3" is mapped to the characters "D," "E" and "F" in the English alphabet. Accordingly, multiple searches can be generated for characters corresponding to the input. Here, search results matching the letters D, E and F can be retrieved and displayed in the result group **308**. Although the examples presented herein utilize the English language and characters, the system is not limited to the English alphabet and can utilize alternative characters and symbols (e.g. Russian, Greek, or Japanese characters).

[0044] The accumulator **304** can display input as entered, such as the number "3" as shown in FIG. 3. In addition, where the input can be mapped to other characters, the