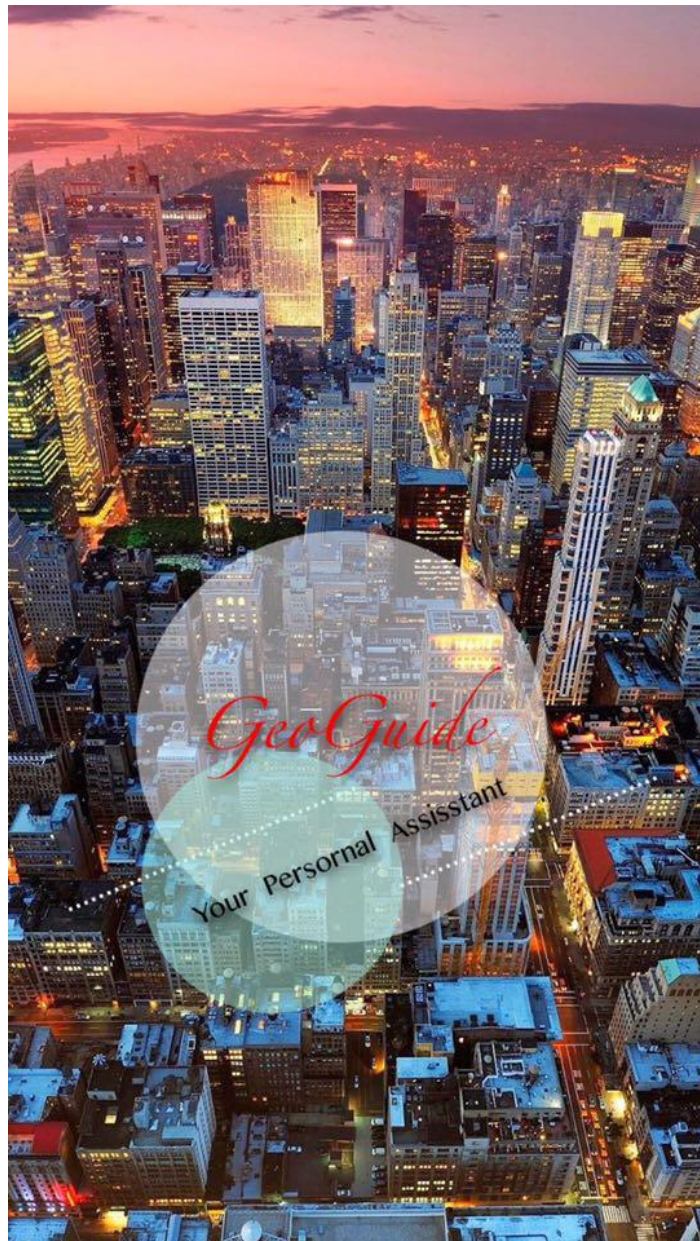


GeoGuide

Android App User's Manual

Illinois Institute of Technology
CS 442 – Mobile Application Development



Installation Requirements

Minimum Android/ API version: API 14 (Android 4.0 IceCreamSanwich)

Free disk space: 1 MB

Features and Instructions

The users can search nearby facilities by picking up one of built-in categories. The Figure 1 shows the main screen of the app.

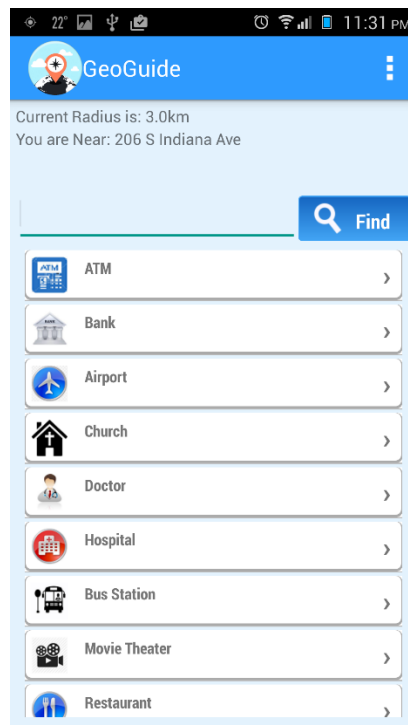


Figure 1

The app allows users to customize the search radius by clicking the “CHANGE RADIUS” on the top right corner and the default value if setting to 3 km (Figure 2).

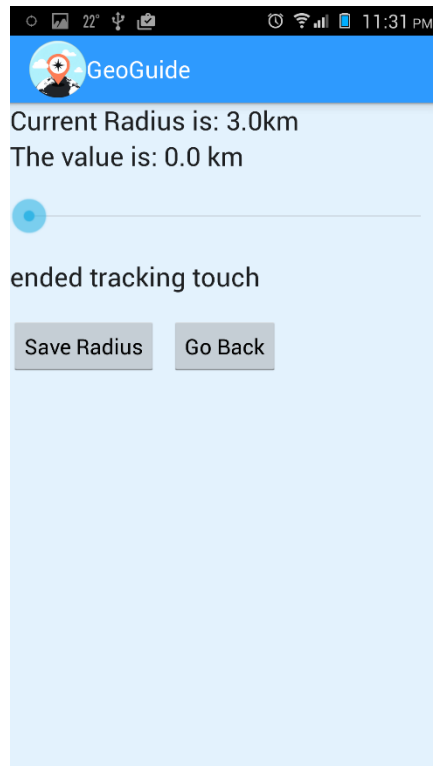


Figure 2

Every time when users start the GeoGuide, the app will detect the uses' current location and put it into main screen, such as the specific address, via Wi-Fi or device data (Figure 3).



Figure 3

The user can also type in the name of facilities he want to search in the field and click the button "Find" will direct him to results page (Figure 4).

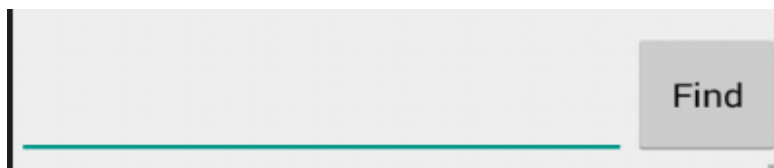


Figure 4

The result page appears after user clicks one of the built-in options or the "Find" Button. Those founded places will be displayed as markers and be tagged on the Google Map. The

InforWindow that has brief description of that place would pop up if user picks any one of them (Figure 5).

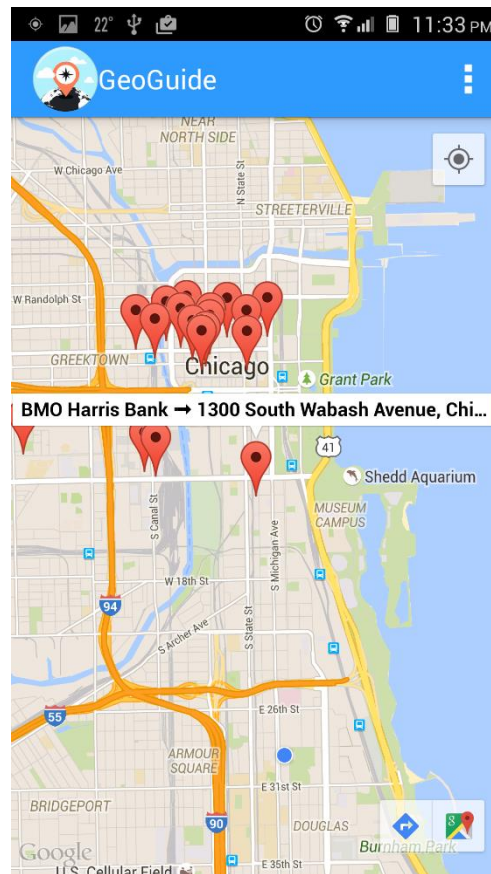


Figure 5

An example of searching hospitals, and one of the results is *“Rush University Medical Center: 1653 West Congress...”*

When the user clicks the one of the pop-up InforWindows, the place details will be displayed as a webpage including information, such as Vicinity, Address, Geo Location, Phone Number, Website and Ratings (Figure 6).

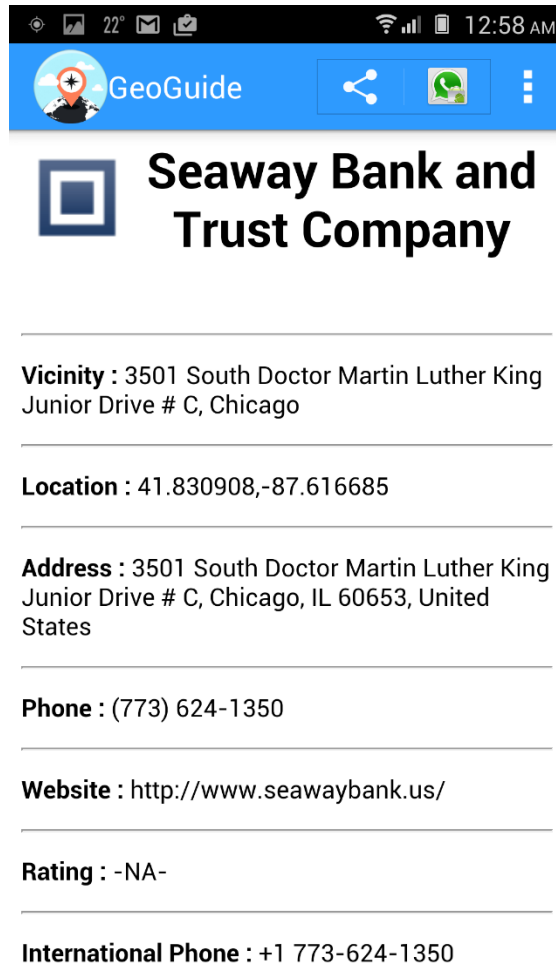


Figure 6

In place details page, the app allows user to save the place as his/her favorite and will store it into favorite list for future reference (Figure 7).

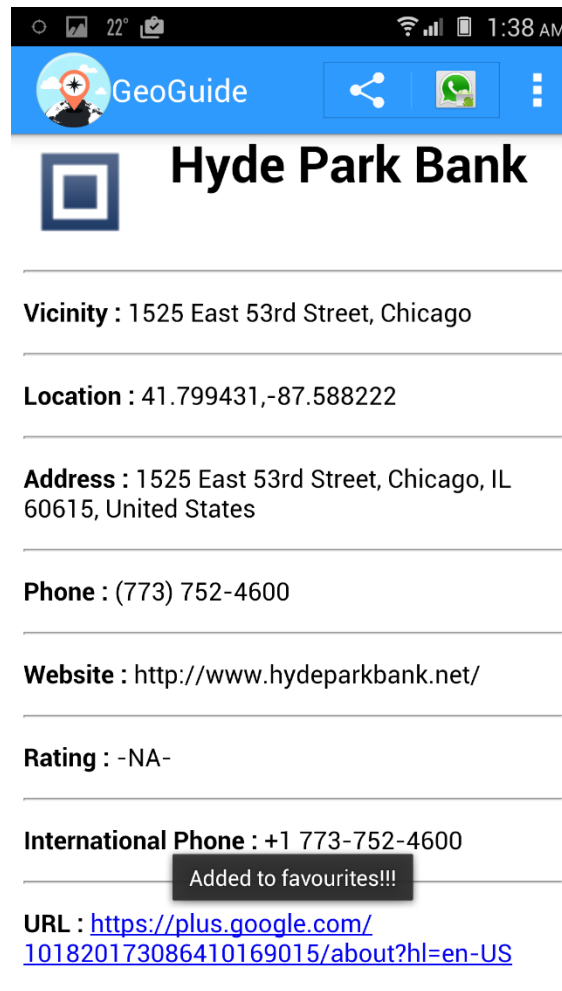



Figure 7

User can share the place information with multiple social approaches, such as Messaging, WhatsApp, Gmail or Bluetooth (Figure 8, 9), by pressing the button on the right corner of the page .

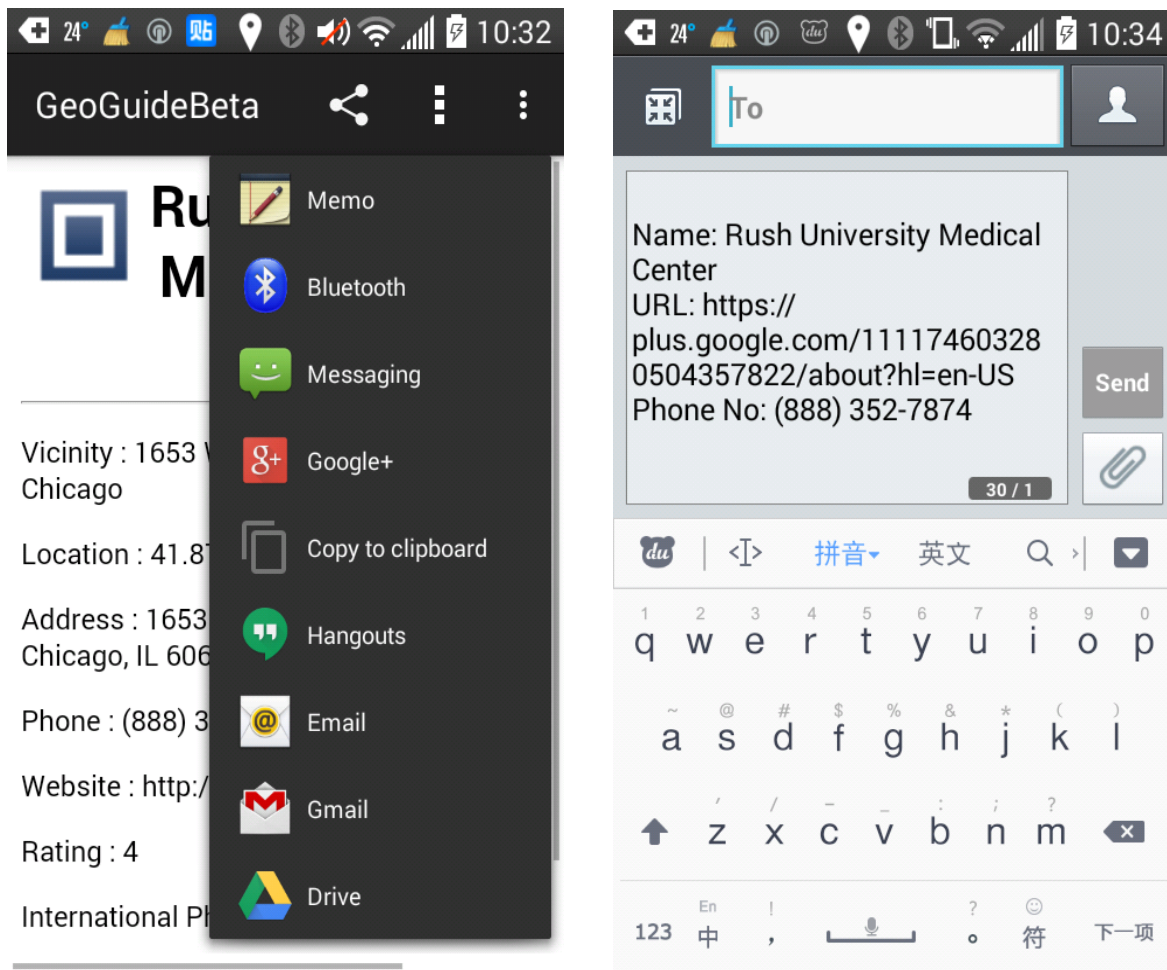


Figure 8, 9

The users can access to the favorite list that contained previously saved items by tapping the button on the right corner of the place detail page (Figure 10, 11). In favorite list, users can remove the favorite item by long-clicking it.

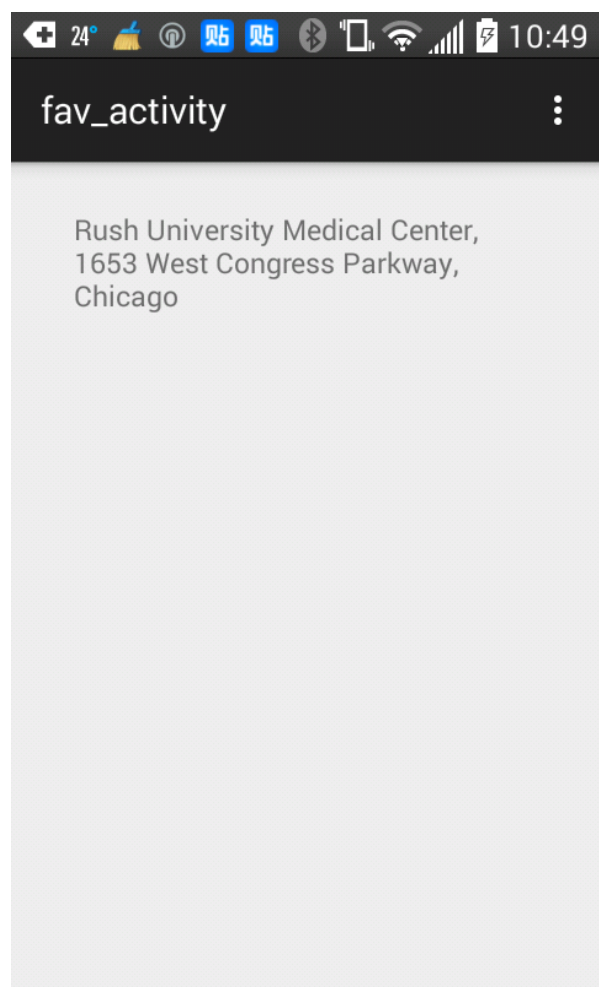
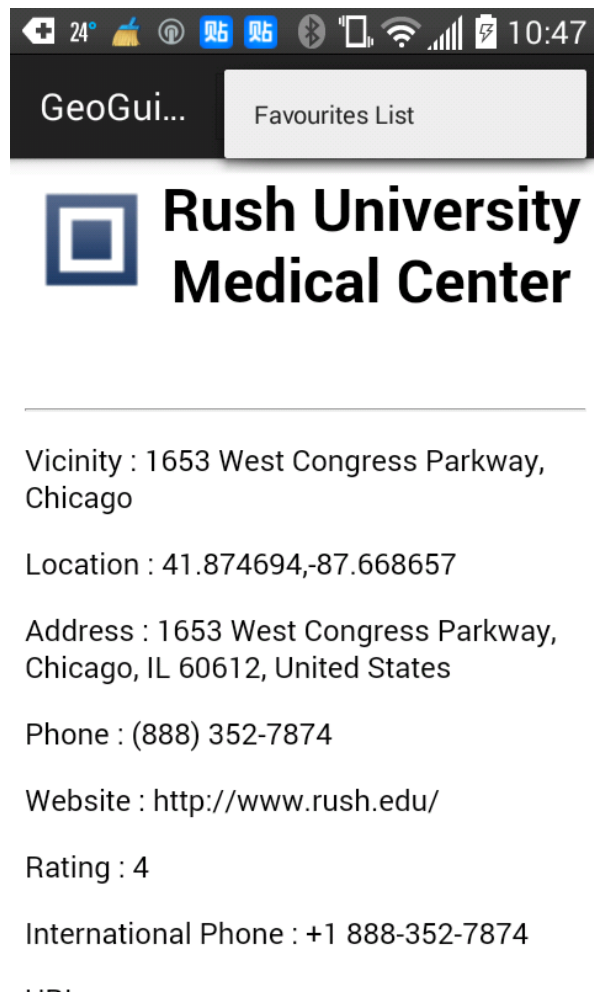


Figure 10, 11

Related Work in Google Play Store

- "NearBy Me – Places"
- "Nearby Places Location"
- "WhatsUp Nearby"