

The University of Otago
The Department of Information Science

POIs Android Application User Manual

**A Project by Software Engineering (INFO401) Students
October, 2011**

POIs Android Application User Manual

Welcome

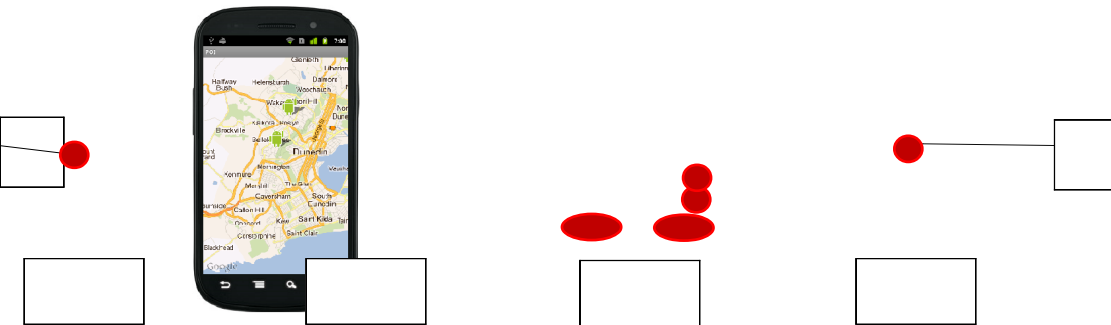
Congratulations on becoming a user of the POIs Android Application. You have made an excellent choice and we hope you will enjoy all of its capabilities.

This application gives the user the ability to add a new point of interest (POI), upload photos of a POI, search POIs, add comments, and many other functions which will describe later in this document.

Installation

From your Android device, you need to install the POIs application in order to start running the application. The application is available for download from the Android App Store, and the process of installation is the same as it is for every other Android application. You will then be able to use the application.

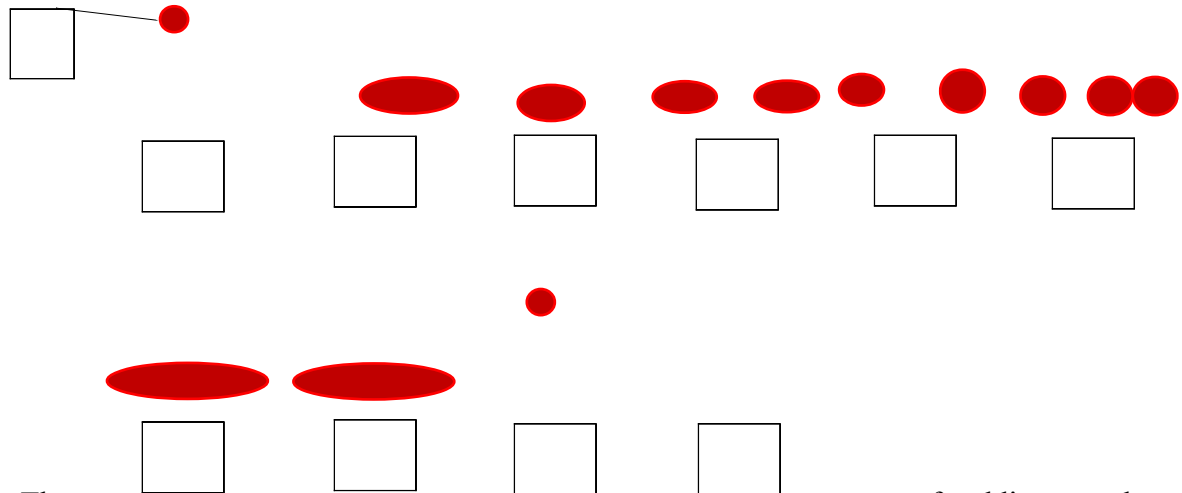
How to Add a New POI



The process of adding a new Point of Interest (POI) is described in the following steps:

1. By double-clicking on any place of the map view screen (e.g. **A**), a new screen will be opened.
2. This screen will allow you to add the details of the new POI. This includes a title, body, tags and your rating. Tags can also be added or deleted by clicking on any of the small buttons on the right side of the screen (“**Add**” or “**Delete**”).
3. After finishing adding the details of the new POI, there are two buttons, one for confirmation, and one for cancelling the new POI. If “**Cancel**” button is clicked, nothing will be added in the map view but if “**Confirm**” button is selected then a new POI will be added in the map view.
4. After clicking on the “confirm” button, a new POI is added as it is seen in the example (**B**).

How to Add a New Photo



The process of adding a photo is described in the following steps:

1. By clicking on an added POI (e.g. **A**), it will direct you to a screen that has details of the added POI.
2. This screen displays details of the selected POI. There is a “**More**” button in the bottom of the screen as is highlighted in step 2. By clicking on it, it will take you to step 3.
3. From this screen, the “**Photo**” button can be clicked in order to add photos.
4. Click on “**Add Photo**” in order to get into the photo application. There is also a button for closing, “**Close**”, if you decide not to take a photo.
5. After clicking the “Add Photo” button, the camera will run and a button can be clicked to take a photo. There is also a button for cancelling “**Cancel**”.
6. After taking a photo, there are three buttons for the user to choose from. A “**Ok**” button for confirming the taken photo, a “**Retake**” button for retake a new photo, and a “**Cancel**” button to cancel taking photo. It will then go back to the previous screen.
7. In this screen, three buttons are available. “**Add Photo**” for adding more photos, “**Delete**” for deleting the taken photo or the photo which is being displayed on the screen, and “**Close**” which is used to go out to screen number 8.

8. This screen also contains three buttons, a “Delete” button for deleting the whole POI, a “Photo” button for adding more photos, and a “Confirm” button for saving the POI with changes made.
9. This screen is displayed after clicking on “Confirm” button from the previous screen. Once the edited POI is clicked, screen 9 will be shown.
10. After clicking on the previous POI, a photo saved in the gallery by this POI will be displayed and once clicking on this photo, more photos relevant to this POI will be shown if more photos saved and you can drag a photo to see more photos.

Searching Function

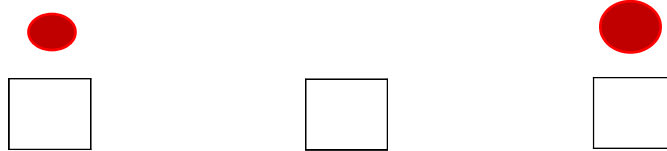
The process of searching is described in the following steps:

1. There is a button for searching. This function allows the user to search for something that can be found in tags, title and description.
2. Once clicking on it, it will open a text box in order to type a word that you are looking for. Once the user finishes typing a word, there is a button “Find” which once pressed, starts

searching (e.g. my flat which I inserted as a title for the POI created before).

3. The POI added before is found as a result of the searching function. Only the POIs found relevant to what is entered will be shown on the map.
4. This screen shows a button if a user wants to stop searching. This button is called “Stop Searching”.
5. Once the “Stop Searching” button is clicked, the map view will be shown with the all added POIs as can be seen in screen number 5.
6. If nothing is written in the text box in screen number 2, then a message “Sorry No items were found” will be shown and the map will be empty of POIs.

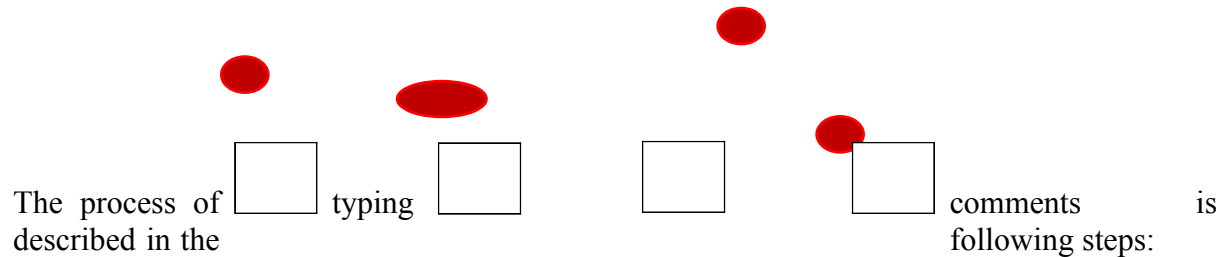
Range Function



The process of specifying the range is described in the following steps:

1. By clicking on the menu function or button in the bottom of cell phones, the “**Choose Range**” button will be displayed.
2. Once the choose range button is pressed, a dialog is opened which allows the user to specify a range between 1 and 100 kilometres. The system will not allow any input which is outside this range. If the user adds a decimal value it will be automatically rounded to a whole number.
- 3.
4. Then, there will be three choices that specify the range near by the current location of user.
5. If for example the range is limited to 2000, then the POIs being shown on the map are specified by the chosen range which was 2000. Also, a **toast message** will appear on the screen for a few seconds.

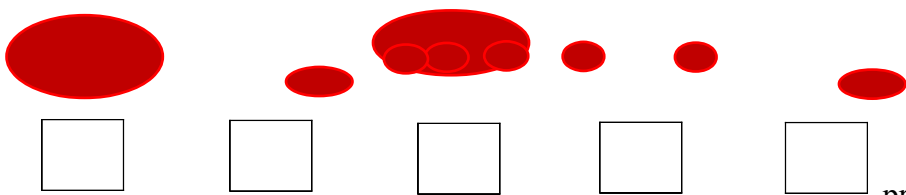
Comment Function



The process of typing comments is described in the following steps:

1. By clicking on a POI, it will open a new screen that can let a user add comments.
2. There is a button called “**Comment**” which is used to transfer users to another screen in order to start typing a comment.
3. Once a user has typed a comment, there is a button called “**add**” to confirm adding the comment.
4. All comments for the POI will then be shown. A user can go out of comment function by clicking on the back button.

Log in and Log out Function



The ☐ ☐ ☐ ☐ ☐ process of logging in/out is described in the following steps:

1. If a user has not registered or isn't logged in, he/she cannot add POIs or change values in his/her details of already created POIs. So, logging in is required for this purpose and many others. A **message** will, for example, be displayed to force users to login when they want to add a new POI.
2. By clicking on the menu button on the bottom of cell phones, "**Login**" will be shown.
3. After clicking on the "Login" button, a login screen will be displayed to allow users to enter their username and password, then click "**Login**" button on the screen to proceed. If they are new users, then they need to register to get access to the application by clicking on the "**Register**" button. If users do not want to join this application, they can press "**Exit**" button.
4. New users need to choose a username and password to register for the application. Then, there are two buttons, a "**Confirm**" button for confirming registration, and an "**Exit**" button for cancelling registration. If cancelled it will return to screen number 3.
5. Once a user logs into the application, adding a new POI and other functions will be available to them. Also, the "**Login**" button will be changed to "**LogOut**" button in the menu button.

Synchronization Function

The aim of this function is to update the application with any changes that could have been made by the users themselves, or other users. This function will update newly added or edited content such as new POIs, Comments, Photos etc. The synchronization function can be done by:

1. Menu button Settings Accounts & sync POIUser
—— Sync POI.
2. Run the application ——— Press Menu button Press “Sync”.