User Manual for Go to Gothenburg

1. Global functionalities

Go to Gothenburg has a few functionalities which are accessible from all parts of the application. These are all located at the top of the screen (see Image 1) and consists of search functionality and navigation functionality.
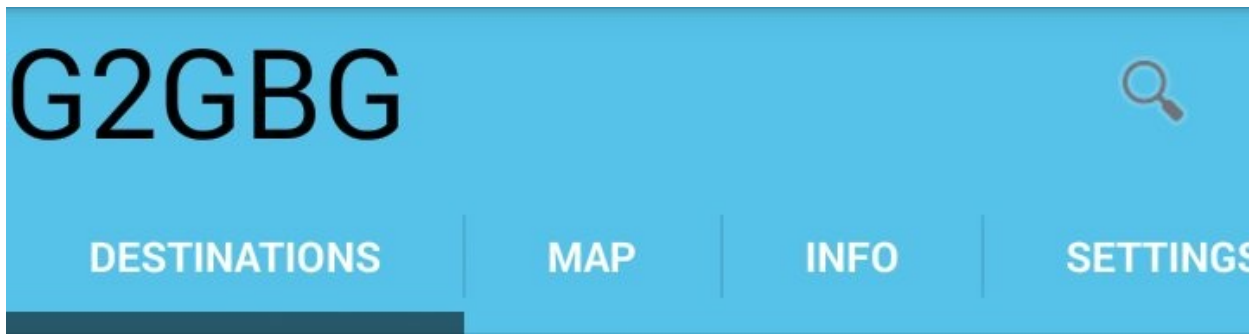

Image 1: The GUI of the global functionalities.

1.1. Search functionality

By pressing the magnifying glass icon in the top right corner, a text field and keyboard is prompted (see Image 2), allowing user input. Any input triggers a auto completion suggestions. When the search is carried out, a road description to the location is drawn on the map (see Section 2.2).
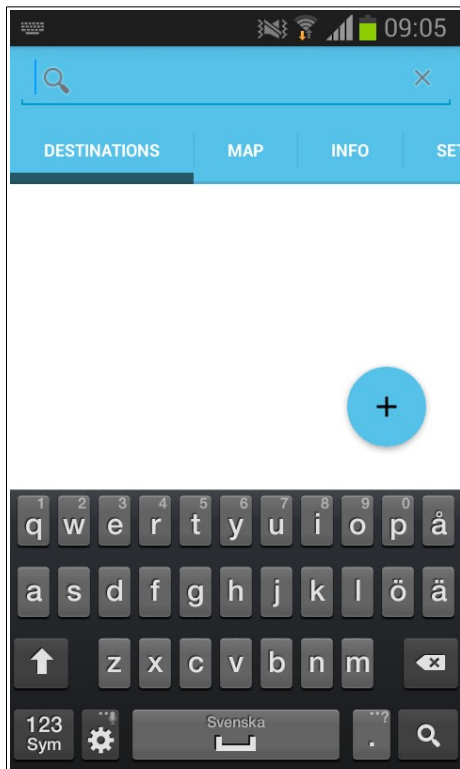

Image 2: The global search functionality.
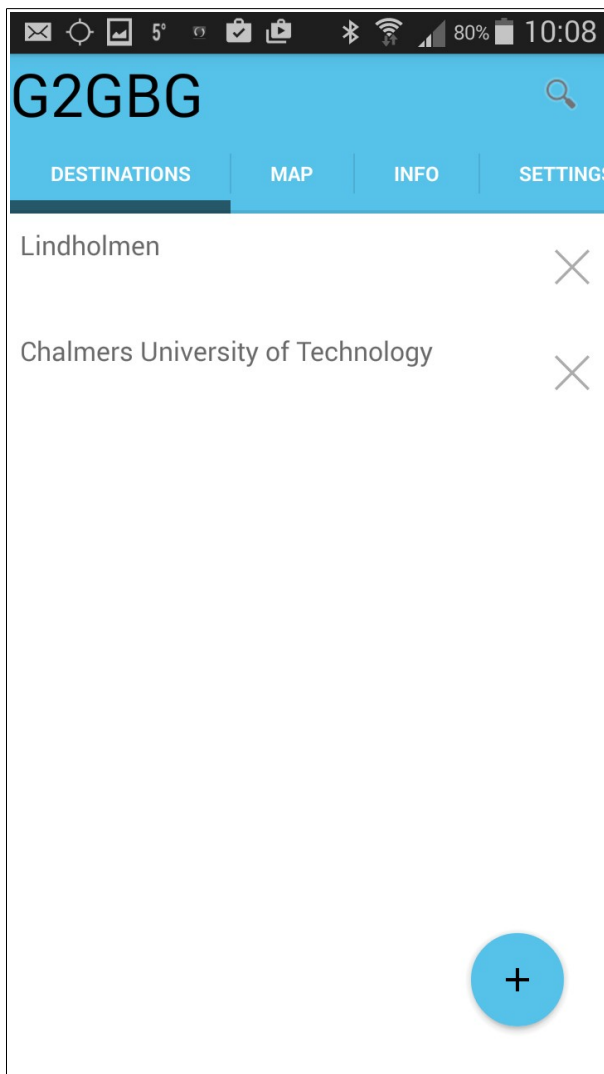
1.2. Navigation functionality

Go to Gothenburg is split into four different tabs: Destinations, Map, Info and Settings, each responsible for different parts of the application (see Section 2 for details). Each tab can be pressed to navigate the user to its associated GUI. You can also navigate to neighbouring tabs by swiping. A gray underline indicates which tab is currently active.

2. Tabs

The tabs are used to group related functionality together. There are four different tabs (Destinations, Map, Info and Settings) each explained below.

2.1. Destinations

The "Destinations" tab is used to create, store, and manage destinations you are interested in. It consists of two basic elements (see image 3): the add button and your destinations.

Image 3: The destinations tab.

2.1.1. Using destinations

By pressing any existing destination, the application initiates a road description to that location. This means that the current tab is changed to the Map tab (see Section 2.2) and a marker is placed on the map at that location. A road description is drawn on the map (see Image 4), showing which parts of the trip requires walking (dashed lines), or public transport (solid lines). It also shows

points of transfers (see Image 5), which informs about at what stop and track the transfer happens and the line name.
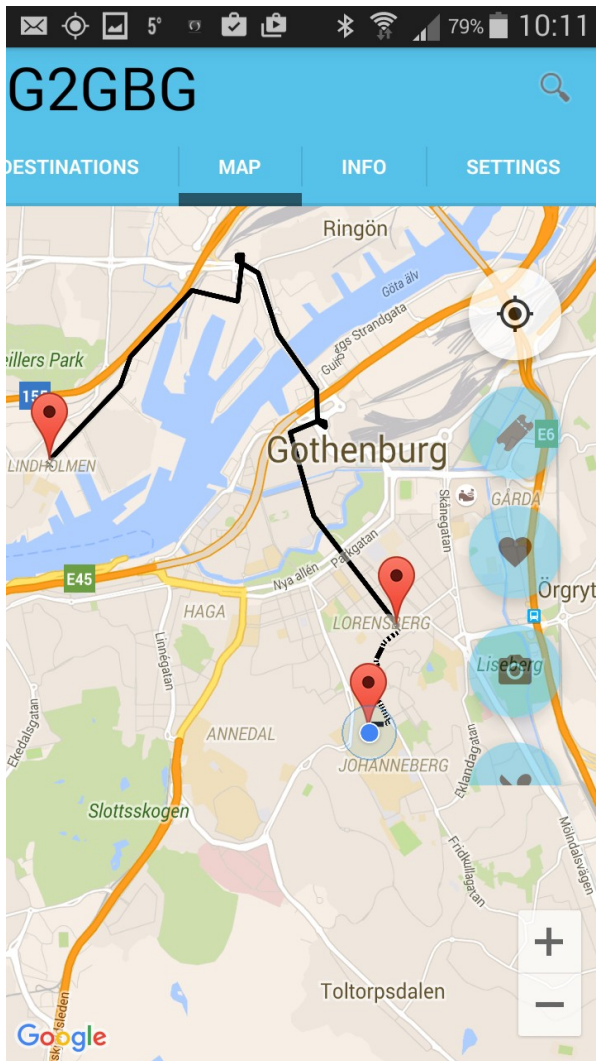

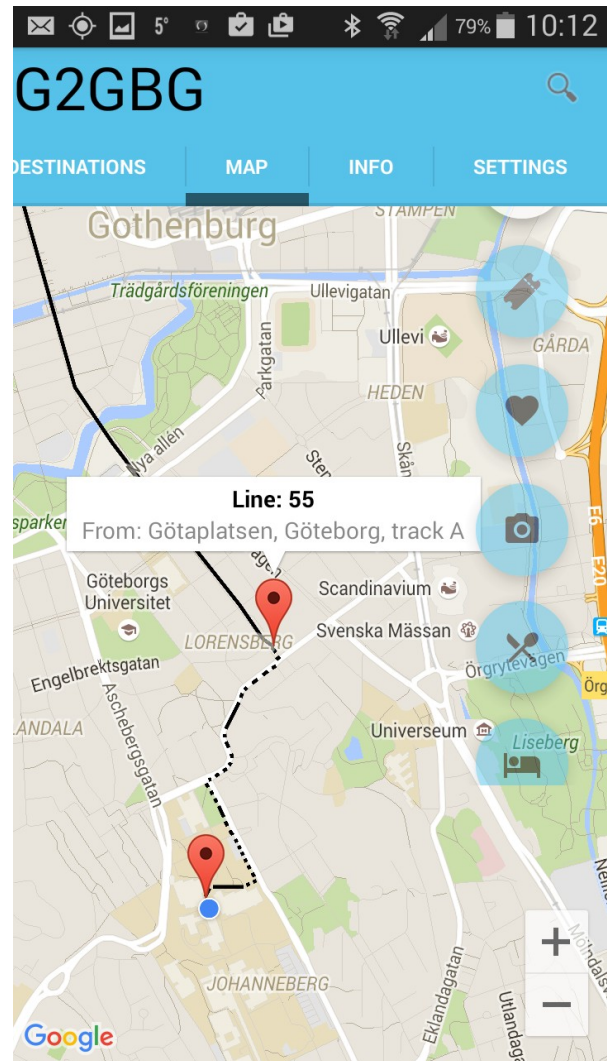*Image 4:* A road description from a current location (Chalmers) to Lindholmen.

Image 5: A point of transfer.

2.1.2. Create new destinations
New destinations are created by pressing the "+"-icon, which launches a form asking for the name of the destination (see Image 6). If the text field is pressed, a keyboard is displayed and any input triggers auto completion suggestions (see Image 7). Press the "create destination" button to save the destination, or abort by pressing "cancel".
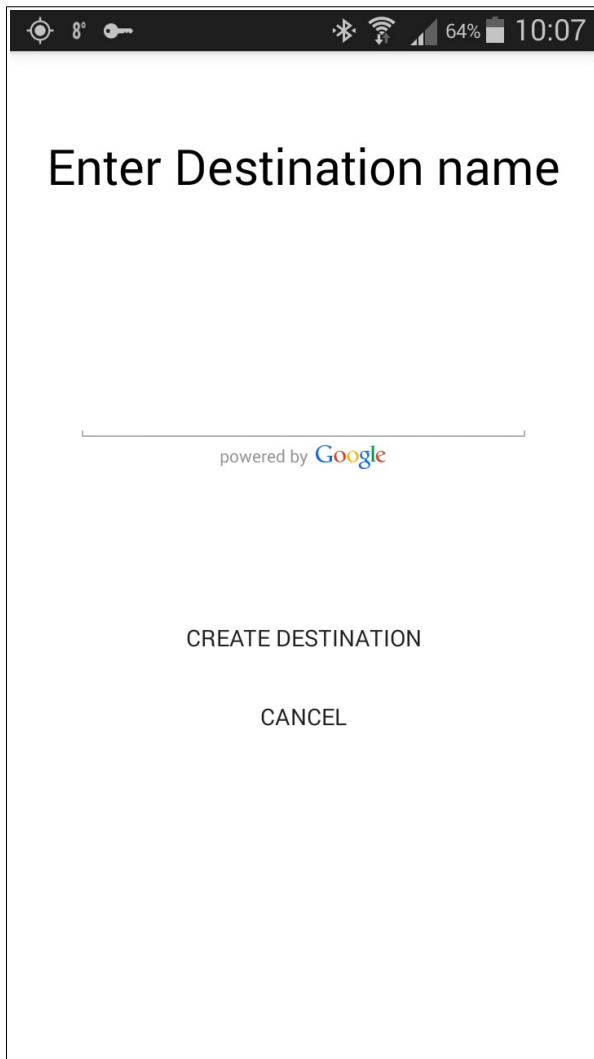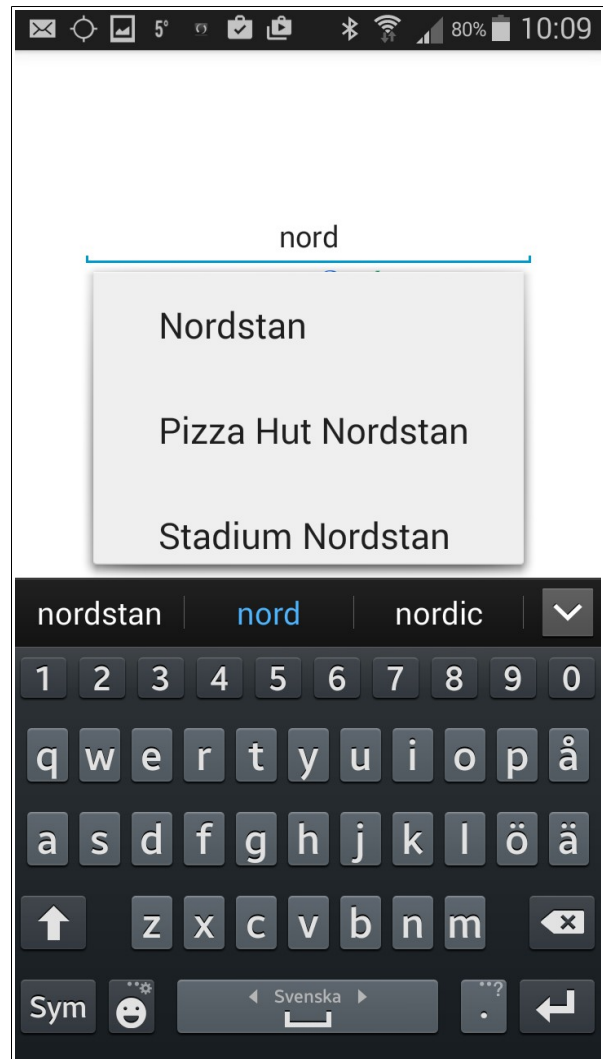
Image 6: The create new destination form.

Image 7: Example of auto completion.

2.1.3. Manage current destinations
The user can delete saved destinations by pressing the "X" icon.

2.2. Map
The "Map" tab is used to give directions (see Section 2.1.1), give guiding, and show tourist information. Any marker on the map can be pressed for the option of saving that location to destinations. A temporary marker can be placed by pressing and holding anywhere on the map.

2.2.1. Guide
As soon as the user receives directions, the application asks the user to connect to an ElectriCity Wi-Fi in order to receive guiding on the tour. If the user does not connect to the Wi-Fi, a reminder is sent after a delay. If the user does connect to the Wi-Fi, the application identifies which vehicle the user is on and initiates a relevant guiding.

2.2.2. Tourist information buttons

The icons will, if pressed, display the corresponding category on the map:

- Cross hair   Center the map over the user
- Ticket   Filter ticket resellers on/off
- Heart   Filter saved destination on/off
- Camera   Filter sightseeing spots on/off
- Utensils   Filter restaurants on/off
- Bed   Filter hotels on/off
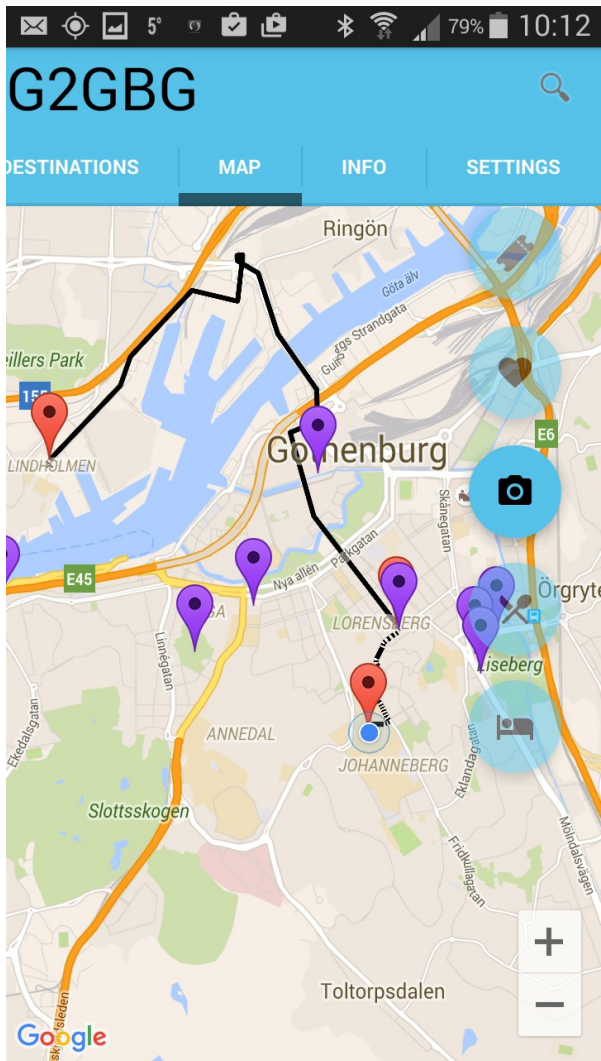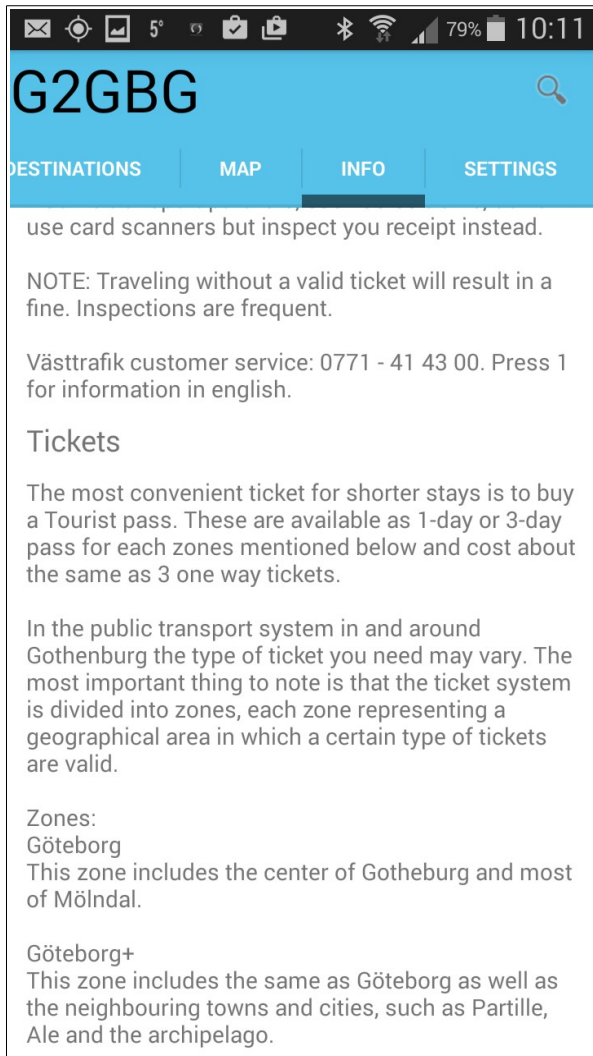- Ear   Turn on/off guide

*Image 8: The map filtering everything off but
sightseeing spots.*

2.3. Info

The "Info" tab contains information about traveling with public transport in Gothenburg. This includes manners and tickets.

Image 9: The information tab.

2.4. Settings

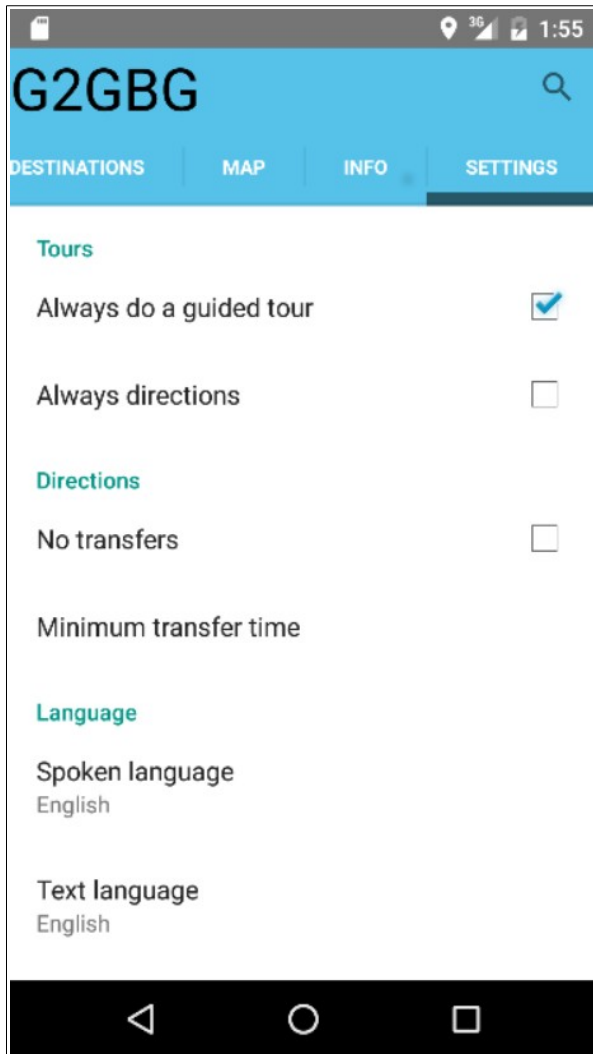The "Settings" tab allows the user to adjust the application to personal preference. In the current version, the input will not affect the application.

Image 10: The Settings menu.