

Ubiquitous Computing – Lab 3 (10 %)

(Lists, Fragments, Maps, Location, Storage)

Here you are required to develop an app that allows the user to view a map of a city or a map of their current location. The city coordinates are located in a text file that will have the city name followed by the latitude and longitude values. You should put a marker at the latitude and longitude position in the map. This app should use two Fragments, a map fragment and a fragment for getting user data. The user data fragment should have a list view so the user can select the city they want (the first item should be current location). It should use different layouts for large screens. For a large screen it should show the user data fragment and the map fragment in the same activity, for small screens it should show the user data fragment in one activity and the map fragment in another. The fragments should be reused.

The app will look something like this on a large screen

