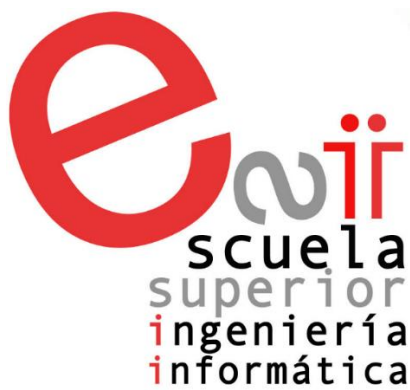


# Assessment A2 – The Computer-Interaction Assignment

## The Last Survivor App



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Human-Computer Interaction

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## **Introduction**

In this assessment we have implemented several functions regarding Computer-Interaction challenges.

### **Useful Tools (input/outputs)**

In this challenge we have implemented some different functionalities to have a quick access to them if necessary as they are quite useful.

These functionalities are the following: A quick call to any number (Emergency call), A basic unit convertor, night vision camera mode, a google search bar (just for specific moments) and access to the flashlight. All of them are indeed quite useful when facing different type of situations.

### **Geolocation and navigation through map**

The Map function will locate you in the map and will provide you a compass to orientate for example if the Map can't connect to the network or you are in a place where the GPS doesn't have signal. You can put markers on it, as well as locating yourself. Also, you will be able to zoom out and in. By gestures you are going to be able to move the map. The type of map is also going to be changeable.

There will be interesting zones created in the map in order to know which places are good for camping, walking through the mountain, and other activities regarding countryside and survival.

The Map and the useful functions along with it has been implemented with the Google Maps API.

### **Voice commands to interact with the application**

In the previous assignment we shown you the possibility of voice commands navigating through different sections of the application, now, we have implemented the possibility of interact with buttons and searches, to use the functions that the application has at your disposal.

### **Other Considerations**

Day time and useful information, depending on the country you selected.