**BEOSMAPPER testing agenda:**

Quality testing is an essential part of the project in order to assure quality of the product and detect possible deficiencies. The following points should be taken into consideration while testing BEOSMAPPER:

**Usability testing**

* Since the BlindSquare TM is an international product with customers from almost all over the globe! Therefore, we should follow the same diversity in testing by putting the product to test by people from different countries and different groups.
* The page should be easy to use.

**Compatibility testing**

* The product should be compatible with common browsers including: Safari (Mobile and Mac), Chrome (Windows, android, Mac), Mozilla Firefox (Windows, android), android default browser, Internet Explorer 7, Opera (Windows and android).
* The page should be tested to be compatible and usable on different screen sizes.

**Functionality testing**

* All the functions on the page work properly.
* The data is successfully stored and feasibly retrieved.

**Test cases**

Our product should be thoroughly test to make sure that it works properly in the following scenarios and cases. The following cases should be tested on different platforms and browsers and the results will be recorded in a spreadsheet.

1. Appearance: Make sure the page loads properly.
   * Everything is located at its right place
   * The texts and other page elements are readable
   * The map loads properly.
2. Functionality: Make sure that page elements are functional.
   * Geolocation works.
   * Openlayers’ features are working.
   * All the page elements including buttons and drop-down lists are fully functional.
3. Process flow: Make sure that the whole process flows smoothly and flawlessly.
   * Clicking on the map reveals already-recorded features within the selected box.
   * Choosing the entry type (entrance, traffic light etc.) filters out the irrelevant features from the map.
   * The exact location can be modified by relocating the proper symbol.
   * Description section works properly.
   * If there is any problem with the requested information the user will receive a proper message advising him/her to correct or add the missing information.
   * Upon successful insertion of an entry, the user will be notified by an appropriate message.
   * The page is ready for adding further features. The users’ preferences (selected type, area, OSM login information) are preserved to facilitate multiple insertions.
4. Ease of use: The process should be clear and easy enough to follow by the user. There should be no ambiguity. The user should be preferably guided by existing visual features and the need for textual guidance should be minimized.
5. Retrievability: Making sure that the added entries are successfully inserted to the OSM database and are retrievable.