**User Requirements of Navigation App**

1. The app shall help users navigate with in Brunel campus.
2. Users shall be asked to register to use the app with minimum amount of details and setup a username and password. A verification email shall be sent to their respective emails.
3. The app shall have a search tab where users can search for places or buildings and it shall give suggestions depending on the text input and shall display an error message if the place is not in campus.
4. When a place is put in search tab it should pin the location on the map which up on clicking displays the information of the building or service area.
5. Alternatively, the app shall have a map that users can visually navigate and clickable buttons that display the information of a place or building including the front picture when clicked.
6. The app shall display the current location of user with in Brunel campus by making use of the GPS of the phone and shall calculate the shortest route between the user’s location and target location.
7. The app shall group places or buildings by their service domain e.g. Offices, Cafes, Departments, sport centres etc. to help short access with a drop-down list of places in a particular service domain.
8. The information of the buildings or places shall include at least the name, office hours, phone number, website.