Functional Requirements		
Theme, As a _____	I would like to	Need to add "if time follows"
User(Student)	have a visual guide with photos for navigating me to destination. For instance, I want to have real photos or camera view for the path I walk through .	No
User(Student)	go to my lecture rooms and the professors' offices when I don't know where they are	No
User(Student and visitor)	have a navigator to show me the closest restrooms and water fountains	No
User(Student and visitor)	be able to locate myself easily inside a building when I can't find any indoor maps	No
User(Student and visitor)	be able to navigate myself even when I don't have access to the internet.	No
User(Student and visitor)	be able to navigate myself in real time with least effort with an easy to follow UI.	No
User(Student and visitor)	be able to rely on the navigation even if I go the wrong way	No
User(Student)	have several popular destinations for quicker access (for example, room 224 for CL50 building).	No
Administrator (Building Owner)	be able to add my building map into an app and specify important destinations at ease.	No

Administrator (Building Owner)	know the optimal places to place the QR codes inside the building	Yes
User(Student and visitor)	be able to communicate with people (or friends) who are currently inside the building.	Yes

Non-Functional Requirements		
Type	**Details**	**Need to add "if time follows"**
Response Time	The response time after user starts walking should not be more than 1 second	No
Scalability	The app should work with any building with basic structure.	No
Reliability	The app should lead the user to the destination as quickly and precisely as possible.	No
Size	The size of the app should be small (i.e. the user should be able to download it in less than 2 minutes).	No
Supportability	The app should work without having the developers add the map and checkpoints manually.	Yes
Security	(For knowing friends' location part) ,strangers can not access any information of users, including the chatting contents and friends list.	Yes