User Stories: As a user, I would like to have a QRcode Scanner (Focus on size, nonfunctional)		
Tasks	**Estimate time**	**Owner**
Create UI for QRcode Scanner	3 hours	Gott
Open the Camera for taking photos of QRcode	5 hours each	Xiaojing Nathan
Application receive the QR code photo	5 hours each	Xiaojing Nathan

User Story: As a user, I would like to use the QRcode scanner to determine the location from the map data (size)		
Tasks	**Estimate time**	**Owner**
Application resizes and adjusts the QRcode for later QR code recognition.	6 hours each	Xiaojing Nathan
Read QRcode and find the corresponding ID to the QR code.	4 hours each	Xiaojing Nathan
Use the QR code to find the corresponding map from the database.	3 hours	Yao

User Story: As a user, I would like to input my current location (room) manually		
Tasks	**Estimate time**	**Owner**
Application nicely shows the input text box for this purpose	2 hours	Gott
Application receives user input and send it to be processed	4 hours	Gott
Have a solid database for the room data	10 hours	Zilun
The database process the query and return the current location data	4 hours	Zilun

User Story: As a user, I would like to have the application know which building I am currently in without inputting the building name		
Tasks	**Estimate time**	**Owner**
Application obtains the user's geolocation	6 hours each	Xiaojing Nathan
Application uses the user's geolocation to find the corresponding building	4 hours each	Xiaojing Nathan
Application have a solid database for the geolocation data	5 hours	Zilun
The database process the query and return the current building data	3 hours	Zilun

User Story: As a user, I would like to see the building map and the current location according to the map

Tasks	Estimate time	Owner
Application shows the map corresponding to user input	4 hours	Gott
Application obtains the coordinate that represents the location of the user	9 hours	Yao
Application displays the point that represents the user location on the map.	2 hours	Gott

User Story: As a user, I would like to see nearby public facilities on the map right away

Tasks	Estimate time	Owner
Application has the database separated for the public facilities	11 hours	Yao
Application obtains the list of close public facilities from the database	5 hours	Zilun
Application shows the corresponding public facilities on the map	4 hours	Gott

User Story: As a user, I would like to have an interface to input the destination(Focus on size, nonfunctional)

Tasks	Estimate time	Owner
Application elegantly shows the input box on the map screen for ease of input	4 hours	Gott
Application receives user input and send it to be processed	1 hours	Gott
The database processes the input and return the destination	7 hours	Yao
The final destination will be shown on map with the right scale and position	3 hours	Gott

User Story: As a user, I would like to see the suggestions while inputting the destination

Tasks	Estimate time	Owner
Application has the method for querying the list of possible destinations from the database	3 hours	Zilun,Yao
Application shows the possible destination as an autocomplete list for the textbox	2 hours	Gott
Application updates the list while user types	1 hours	Gott