

User Stories: Have a QRcode Scanner (Focus on size, nonfunctional)		
Tasks	Estimate time	Owner
Create UI for QRcode Scanner	5 hrs	Gott
Open the Camera for taking photos of QRcode	iOS: 7 hrs Android: 5 hrs	Xiaojing Nathan
Application receive the QR code photo	iOS: 8 hrs Android: 3 hrs	Xiaojing Nathan
User Story: Use the QRcode scanner to to determine the location from the map data (size)		
Tasks	Estimate time	Owner
Application resizes and adjusts the QRcode for later QR code recognition.	iOS: 7 hrs Android: 6 hrs	Xiaojing Nathan
Read QRcode and find the corresponding ID to the QR code.	iOS: 8 hrs Android: 5 hrs	Xiaojing Nathan
Use QRcode ID to find the corresponding map	6 hrs	Nathan
User Story: User can input the destination(Focus on size, nonfunctional)		
Tasks	Estimate time	Owner
Application receives user input from input text box	9hrs	Zilun Mai
Application filters the possible destination while inputting	12hrs	Yao Xiao
Application provides buttons helping input, such as finding restrooms, or exiting the building	6hrs	Gott Phusit
Application receives the request for restrooms or exiting the building.	3hrs	Zilun Mai
Application lists all restrooms and exit nodes.	6hrs	Zilun Mai
Application receives the final input and transfers into a Node class	6hrs	Yao Xiao
The final destination will be shown on map with the right scale and position	15hrs	Zilun Mai
Have the edge and node setup for the map	12hrs	Yao Xiao
Design the navigation screen and make a mobile-like interaction	18hrs	Gott Phusit

The sprint 2 will focus on size and scalability.