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| User Stories: Have a QRcode Scanner | | |
| 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 | | |
| 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 | | |
| 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 | Zllun 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 |