Find A Room
Sprint 1 Planning Document
CS 307

Team 13(Snoxy)

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Members:	Nathan Chang
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	Saranyu Phusit(Gott, Team leader)
	Yao Xiao
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Project Coordinator:	Miguel Villarreal-Vasquez

1 Sprint Overview

Start the framework of the app, implement map class and qrcode class so that user can located themselves.

1.1 Scrum master

- Saranyu Phusit, who has experience in developing mobile app using tools similar to Phonegap.

1.2 Meeting Schedule

During the class time.

1.3 Challenge

- Three of our team members have one of the hardest project(shell) for the first two weeks.

- It's the first time for most of us to develop a mobile application.

2 Current Sprint Detail

2.1 User story for this sprint

- I would like to get my current location in the building

- I would like to navigation to the next QRcode

2.2 Task details

Nathan Chang

- Be familiar with phoneGap operation (6hrs)

- Be familiar with GitHUB (2hrs)

- Be familiar with Mobile Application creation. (4hrs)

- Understand how to use a camera on a phone and other details. (7hrs)

- Have a working QR code class (8hrs)

- Have a QRcode scanner working (3hrs)

Xiaojing Ji

- More details for completing User Story: getting my current location(QR code part)

    - 1. Open the Camera to photo QR code and let app recognize QR code

        * Task 1 description: Be familiar with phoneGap operation (Estimate time: 6 hrs)
        * Task 2 description: (HTML) Apply platform BarcodeScanner for phoneGap, implement that part to allow QR code scan (Estimate time: 6 hrs)
        * Task 3 description: (HTML) Open cellphone camera to enable taking photos by using methods in Camera package (Estimate time: 5 hrs)

    - 2. Have a QRcode application enable for recognition

        * Task 1 description: (JavaScript) Resize input QR code image to allow QR code recognition(Estimate time: 6 hrs)
        * Task 2 description: (JavaScript + Java) Finish QR code class, let each QR code have a unique string, so we can use string to distinguish them(Estimate time: 4 hrs)
        * Task 3 description: make sure each QR code has a corresponding unique location on the map(Estimate time: 3 hrs)

Owen Mak

- Be familiar with phoneGap operation (6hrs)

    - How this works
    - How to implement our app

- Grabbing the map image (3hrs)

    - Selecting building
    - Getting the building floor plan maps

- Implementing the map class (11 hrs)
    - Focusing on MapID and building

- Testing map class(10 hrs)

Gott Phusit(Scrum Master)

- Learn HTML design for phonegap mobile app development (6hrs)

- Designing and Developing the UI for the QR code reader screen (9hrs)

- Designing and Developing the UI for the Main Application screen. (15hrs)

Yao Xiao

- Be familiar with phoneGap operation (6hrs)
- Creating the map class
  - Creating an easy approach to connect map img to the map class (12 hrs)
  - Creating destination list (12 hrs)
- Creating

3   Backlog