Code Review for BU Parking
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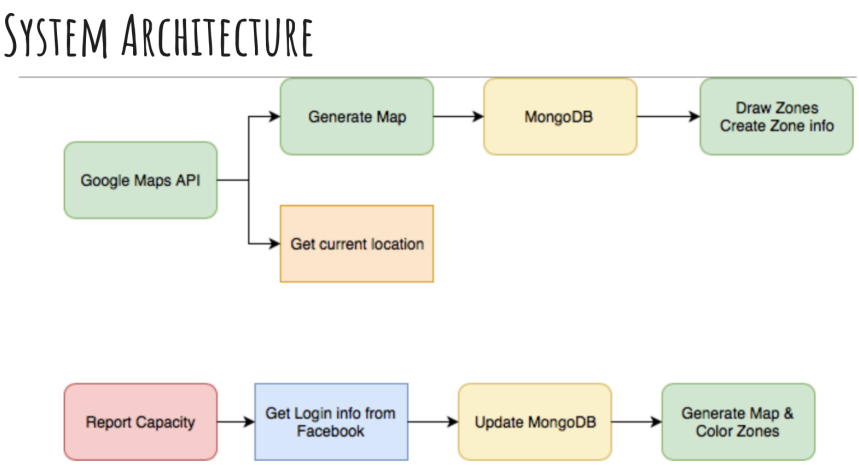
1. User Story Review

The main purpose of this app is to find the parking spot around Boston University.
I think this application only faces a small group of people, which would have to satisfy following conditions. First of all, it's for those people who drive. Secondly, it would only be professors, students, crazy red sox fans would go to Boston University or around at a regular bases. Due to the public transportation, many BU students do not need to drive to school, this part of student would not need this app. Also most professors and students would have the access to school parking and they do not need street parking. Hence this application is only for students who do not want to park in school or some crazy red sox fans who go to Kenmore square quite often. However, for these small group of people, this app would be quite useful to show the parking availability around BU. This app is based on the good side of human natural, since the parking zones information would be updated only by users.

2. System Architecture Review



The system architecture is quite simple. One is associated with Google Maps API and MongoDA to draw parking zones with colors indicated how busy the zones are. The another one is for facebook users to update the zone information. It is clear and efficient system architecture.

3. Data follow

Before staring this app, the parking zone information is from (https://data.boston.gov/dataset/parking-meters) and they have imported this dataset to their MongoDB.
When a user open this app, Google Maps API would get the users' current location and generate the map around the users. Then the app would draw zones and shows zones' information that store in MongoDB. When a user find the information that is not correct, he/she needs to login with facebook to report current parking zone status. Once he/she did this, MongoDB would be updated and re-generate Maps and change the color of the parking zones.

4. Error handling

1. If the user report the opposite information, the system cannot do anything about it.

2. In their program, they do not have error handler for all functions but only the main functions. For example, if the google map api cannot be use, there is no exception for that.

3. If the parking zone information is incorrect, since the parking zone data updates in summary 2017, there is no way to report wether the parking zone area is still accurate.

5. Summary

This app would be useful for a small group of people. But the accuracy of the information would be the largest challenge for this app.