**CS673 Software Engineering**

**Team 1  Meeting Minutes**

**Week 9 (11/7 - 11/14)**

**Date and Time:**  10 November 2019 10:30AM - 3:30PM

**Place**: 21 Erie st. Smartlabs conference room

**Participants:** Saloni Rawat, Jamie Smart, Sriram Doss, Duoyao Zhang, Mike Zhong

**Minutes taker:** Mike Zhong

**Timekeeper:**Mike Zhong

**Agenda:**

1. Coding session in pairs
2. Develop additional features
3. Finish user sign-up and authentication with firebase, successfully link RT database Users table with UID from the auth table
4. Work on UI
5. Implement new feature to subscribe to courts

**Discussions:**

1. Need to define the main event loop, interval of checking location
   1. How do we structure the call backs?
   2. How best to pass the relevant user info between activities?
   3. How to set up the timer and which class should track it?
2. The landing page is now the CourtActivity class with navigation to other activities
3. Given the landing page, we need to lift the logic for querying user location information into this activity.
4. What functions should be called once and persist vs. being scheduled and handled by callbacks?

**Work Done:**

1. Mike and Sriram worked on the SubscribeToCourtActivity, implemented basic map overlay centered on user, populate a set of markers based on the court locations as read from the DB
   1. Subscribe button is made but not functional yet, need to pass a reference the current user to this activity in order to do a DB write
   2. Need to figure out how to store lists in firebase, are they all strings?
2. Saloni and Duoyao worked on landing page UI and authentication using User table
3. Jamie worked on implementation of push notifications, added methods for deleting court. Added checks for existing court names before allowing a write operation
4. Jamie worked on unit tests

**Action Items:**

1. Continue feature implementations
2. More unit tests