**Bi-Weekly Scrum Report - Dongmei Yin**

**Sprint 1**

* What tasks did I work on / complete?
  + Learned about github and full stack programming
* What am I planning to work on next?
  + Database design and creation code
* Communication
  + Our first communication was great. We were all new to programming and github but we tried to look for information together and share what we found regarding aspects of full stack programming and how to use github. We also went over the project requirements together and divided high level responsibilities. Me and Rachel were assigned backend programming along with deployment of the whole system on AWS. An Bo and Renee will be working on frontend part.

**Sprint 2**

* What tasks did I work on / complete?
  + Raw mysql database schema
  + SQL code for database creation
  + Learn about Express for server-side programming
* What am I planning to work on next?
  + come up with first version of user registration and signIn for server side
* Communication
  + Aside from our scrum meeting, our team members also created a chat group where so that we could have real-time communication and stay synced with each other and share information. We decided programming framework to be used for both frontend and backend. Frontend will be using React and backend will be using Express. We also discussed about how we should start working on our project and we agreed that since it is our first time working on this kind of project and writing javascript, we would try to come up with the first version of the very first user story which would be user signup and login functions.

**Sprint 3**

* What tasks did I work on / complete?
  + First version of express js for logIn function for backend.

**User story**: users need to be able log into their accounts

* What am I planning to work on next?
  + Improve database design along with its creation code
  + Following two weeks are mid term weeks, might not have much progress
* Communication
  + For this meeting, we know that everyone has just finished their midterms. We briefly talked about our finished work. We realized that our simple version for the user login cannot keep consistent user login status, so we talked about how we can improve our code.

**Sprint 4**

* What tasks did I work on / complete?
  + Improved version of express js for logIn function for backend with jwt token used.

**User story:** users need to be able to have a persistent login while navigating between different pages

* + Improved version of database design and schema
* What am I planning to work on next?
  + Backend Approve/Remove users functions for admin
  + Backend retrieve all properties for Buy and Sell pages
* Communication
  + From our discussion, we realized that our progress was a little bit slow, but every team member was very understanding because we were all new and writing our first piece of code took us a long time. But we were confident that we will keep up with our progress as we write more and get more familiar with it. We also talked about the functions we want to have for our next sprint.

**Sprint 5**

* What tasks did I work on / complete?
  + Backend reject user registration function for Admin
  + Backend remove users function for Admin

**User story**: The administrator can approve, reject or remove any users if the need arises

* + Retrieve all property listings from database for Buy and Sell pages

**User Story:** everyone can view all the properties listed on Buy and Sell pages

* What am I planning to work on next?
  + Backend 5,6,7,8 of the project requirements
* Communication
  + From our meeting, now all of us become quite confident on our part, so we decided to have more functions implemented for our next sprint.

**Sprint 6**

* What tasks did I work on / complete?
  + Sell
    - Upload details of home list
    - Update status/other details of home list
    - Remove listing
    - Schedule open house
    - Review buyer’s application → approve and reject
  + Buy
    - Submit application with an offer for the home
    - Email sent to landlord/landlord’s realtor
  + Rent out
    - Upload details of home list
    - Update details of home list (lease term, availability date, security deposit)
    - Remove listing
    - Review renter’s application → approve and reject
    - Schedule visit
  + Rent
    - Submit application for lease (include credit score and employment history)
    - Email sent to landlord/landlord’s realtor
  + Code Deployment on AWS
* What am I planning to work on next?
  + This is our last sprint
* Communication
  + During this sprint, we had very frequent communication with each other. We almost communicated every single day. Frontend and Backend collaborated very well in testing the functionalities we wrote together. Everything went very smoothly.