CSE 115A - SafeHouse - Sprint #4 Plan - End: Tuesday, December 2, 2024

Definition of Done - User Story:
- completed goals and finished tasks

Definition of Done - Tasks:
- usable code with occasional bugs
- not necessarily tested yet, but basic functionality and purpose is fulfilled

Goal: Implement chat functionality and polish up the first release product through testing frameworks

Sprint 4
- User story 1: As a renter, I want a chat function, so that I can contact sellers
  - Goal: Implement a chat system using firebase that allows users to talk to landlords with chat history
- User story 2: As a renter, I want to see detailed information about a listing when I click on it
  - Goal: Build a component that shows listing info and descriptions when clicked on and shows each listing on a map, highlighting the specific selection.
- Spike - Research how to use firebase to implement chat functionality
- Infrastructure
  - Continue testing website functionality to make sure bugs don't end up in production
  - Write automated unit tests using Jest

Product Backlog:
- Automated reminders when new listings are posted/changed and messages are received
  - Investigate automated reminder systems and implement job scheduling
- Implement a roommate search function

Team roles: Give a listing of all team members. Next to the team member, list their role(s) for this sprint. Assign each person to at least one role (for example, this role might be "Developer").
- Matthew: product owner, frontend developer
- Lola: backend developer
- Nij: scrum master, frontend developer
- Derrick: backend developer

- George: backend developer
- Jiacheng: backend developer

Initial task assignment: A listing of each team member, with their first user story and task assignment. This should look like:
- **Matthew**: User Story: As a renter, I want a chat function, so that I can contact sellers
    Task: Create api routes for sending messages
- **Lola**: Usery Story: n/a
    Task: Add unit tests to test front end components
- **Nij**: User Story: As a renter, I want to be able to save listings for later
    Task: Add saved searches tab for users
- **Derrick**: User Story: As a renter, I want to be able to search for listings near me
    Task: add proximity search to search api
- **George**: User Story: As a landlord, I want to be able to create and manage listings
    Task: Create a delete listing route with cascading deletion
- **Jia Cheng**: User Story: n/a
    Task: Add unit tests to test back end components

Scrum board link:
https://safe-house-cse-115a.atlassian.net/jira/software/projects/SCRUM/boards/1

Scrum times: List <u>at least the three days and times during the week</u> when your team will meet and conduct Scrum meetings. Also, indicate which of these meetings will have the TA/tutor visit as arranged with the TA/tutor. It is expected the TA/tutor will visit during the Scrum meeting during your lab time.

MWF 11:00 - 11:15

Course schedule:
https://docs.google.com/spreadsheets/d/1tALF6T4tVty61LB2_bUevVXfPU1okRWp/edit?gid=1474281816#gid=1474281816