CPTS\_322

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10/24/2024

**Sprint 1 Report**

**Demo Video:**

## **What's New (User Facing)**

* Landing Page
* Login Page
* Login Authorization
* Home Page
* Admin panel
* Price Range Filter
* Number of Rooms
* Potential Roommate List (UI)

## **Work Summary (Developer Facing)**

In this sprint, our team kicked off by setting up the project work directory and isolating necessary packages within a virtual environment. We focused on establishing the Django backend, connecting it to the AWS MySQL database, and creating our models, which we successfully verified through MySQL. On the frontend side, we developed the initial pages, including the landing, login, and logged-in home pages. Along the way, we had to familiarize ourselves with key frontend and backend concepts, which was a valuable learning experience. One crucial takeaway was the significance of planning our tech stack early on, especially aided by diagrams like the class diagram, which helped streamline the development process.

## **Unfinished Work**

Overall we completed the goals we had set out for ourselves in Sprint 1, which included user stories and all of the diagrams for our project as well as the basic functionality of our project. We expected that much of this sprint would be spent figuring out the conceptual side of our project, so we devoted a decent portion of our time to creating our user stories and our diagrams for the project. While we still have a ways to go, we accomplished what we wanted to from Sprint 1. Future features for Sprint 2 include Setting Preferences, Recommended Users, full Search functionality, and Private Messaging. We wanted to make sure we had a solid foundation to build off of before implementing any new features, and we now do have a functional prototype consisting of our landing page, login page, and home page for logged in users with which we can implement these features in future sprints.

## **Completed Issues/User Stories**

Here are links to the issues that we completed in this sprint:

* [Use Case Diagram](https://github.com/users/RonnieWB3/projects/2/views/1?pane=issue&itemId=84750725&issue=RonnieWB3%7CRoommate-Matcher%7C17)
* [Component Diagram](https://github.com/users/RonnieWB3/projects/2/views/1?pane=issue&itemId=84282676&issue=RonnieWB3%7CRoommate-Matcher%7C16)
* [State Diagram](https://github.com/users/RonnieWB3/projects/2/views/1?pane=issue&itemId=83985831&issue=RonnieWB3%7CRoommate-Matcher%7C12)
* [Collaboration Diagram](https://github.com/users/RonnieWB3/projects/2/views/1?pane=issue&itemId=83391291&issue=RonnieWB3%7CRoommate-Matcher%7C8)
* [Activity Diagram](https://github.com/users/RonnieWB3/projects/2/views/1?pane=issue&itemId=83123209&issue=RonnieWB3%7CRoommate-Matcher%7C7)
* [Sequence Diagram](https://github.com/users/RonnieWB3/projects/2/views/1?pane=issue&itemId=83391295&issue=RonnieWB3%7CRoommate-Matcher%7C9)

## **Incomplete Issues/User Stories**

As mentioned above, we accomplished everything we set out for ourselves in this sprint, much of which was figuring out where our project was going and learning the tools we are using for it. In this sprint we were primarily focused on setting up our database and getting a solid foundation we could work forward from. For Sprint 2 we plan to focus primarily on implementation and rounding out more of the outstanding features (which are listed above) of our project.

## Code Files for Review

Please review the following code files, which were actively developed during this

sprint, for quality:

\* [myapp/models.py](<https://github.com/RonnieWB3/Roommate-Matcher/blob/main/myapp/models.py> )

\* [App.tsx](<https://github.com/RonnieWB3/Roommate-Matcher/blob/main/frontend/src/App.tsx> )

\* [settings.py ](<https://github.com/RonnieWB3/Roommate-Matcher/blob/main/roommate_finder/settings.py> )

## **Retrospective Summary**

**Here's what went well:**

\* Setting up the project

\* assigning and completing diagrams

\* Identifying tools and technologies for our project

**Here's what we'd like to improve**:

\* Communication

\* Implement features

\* Frontend UI

**Here are changes we plan to implement in the next sprint:**

\* Splitting our shared server into frontend and backend

\* Meet more often to do code review and go over our project

\* Changing the frontend from Typescript to JavaScript