CPTS\_322

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**Sprint 2 Report**

**Demo Video:**

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

● Landing Page

● Login Page

● Login Authorization

● Home Page

● Register Page

● User Profile Page

● Drop Down Menu

● Create Post

**Work Summary (Developer Facing)**

In this sprint we revamped our project by going from a hybrid app to a separate server app, 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 pages, including the landing, login, register, and logged-in home, user-profile pages. We were able to resolve some of the api connectivity issues we encountered while doing a hybrid app by switching to having separate servers for the frontend and backend. We have all the models so we just need to implement them through the frontend, mainly edit profile, post control, and messaging.

**Unfinished Work**

Much of this sprint was spent refactoring the frontend code from TypeScript to JavaScript, which required us to pause work on some of the functionalities we intended to work on so that we could have a more consistent workflow in the future. Some outstanding features that we did not complete this sprint include the posting and messaging features. While these features have been started on, they have not yet been fully implemented and still require additional work/debugging before they can be considered a fully “complete” deliverable. For Sprint 3 we are also going to focus on completing items in our sprint backlog, which consist of having a home button available on all pages as well as completing the functionality for editing a user’s profile.

**Completed Issues/User Stories**

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

* Creating Posts, Viewing Posts, Deleting Posts
* Login Authorization
* Register Page
* Profile Page

**Incomplete Issues/User Stories**

As mentioned above, we accomplished a lot of what we set out to accomplish this sprint. We accomplished changing our hybrid approach back to a 2-server approach for the frontend and backend. We also converted the TypeScript into JavaScript for our frontend. For Sprint 3, we plan to finish the little functionality left, this includes adding notifications, editing profiles, and direct messaging. We will also create a final version of the UI for the best user experience.

**Code Files for Review**

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

sprint, for quality:

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

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

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

**Retrospective Summary**

**Here's what went well:**

* Changing frontend language from TypeScript to JavaScript
* Change our hybrid approach to a 2-server approach
* Reinvented the UI to be more inviting and easy to navigate

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

* Completion of features
* Adhering to timelines
* Overall user experience from the frontend

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

* May need to refine some of the backend functionality
* Continue keeping good communication
* Frontend implementation of edit profiles, post control, and messaging