

Sprint 3 Report

Video Link:

What's New (User Facing)

- * Login/registration for students
- * Admin view: view all items + approve requests (room, furnishing, and maintenance)
- * Student view: Full sign in features (move in date → room browsing (filtering) → preference selection → form submission)
- * Student View: view room assignment + applications
- * Student view: create maintenance and furnishing requests
- * Student view: UI modifications for easier user

Work Summary (Developer Facing)

- * Cloud SQL server
- * Larger testing dataset
- * Automatic maintenance ticket assignment

Incomplete Issues/User Stories

- * Booking history: need to create admin view to see all booking histories in an organized way (current way exists but is not organized)
- * Maintenance worker view: need to create view for maintenance workers to view maintenance tickets and mark as complete
- * Filtering options for buildings: attributes to sort on exist but there is no view to do so

Completed Issues/User Stories

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

- * [student view: current assignment \(and maintenance request\), room booking applications, . Issue #30 · Jacawb/CPTS_451-Project](#)
- * [roommate matching · Issue #29 · Jacawb/CPTS_451-Project](#)
- * [User Roles & user permissions · Issue #27 · Jacawb/CPTS_451-Project](#)
- * [Filter Functionality · Issue #26 · Jacawb/CPTS_451-Project](#)
- * [Admin Room Booking Management · Issue #23 · Jacawb/CPTS_451-Project](#)
- * [Rendering application html pages using database input · Issue #22 · Jacawb/CPTS_451-Project](#)
- * [Room booking button · Issue #19 · Jacawb/CPTS_451-Project](#)
- * [Jacawb/CPTS_451-Project](#)

Code Files for Review

Please review the following code files, which were actively developed during this sprint, for quality:

[CPTS_451-Project/RoomBooking/RoomBookingWebsite at main · Jacawb/CPTS_451-Project](#)
[CPTS_451-Project/RoomBooking/RoomBooking at main · Jacawb/CPTS_451-Project](#)
[CPTS_451-Project/RoomBooking/applicationPortal at main · Jacawb/CPTS_451-Project](#)

Retrospective Summary

Here's what went well:

- *Implemented smooth authentication and data flow across the application
- *Successfully set up and tested the Cloud SQL server with large datasets
- *Completed the full room booking and roommate selection process for students

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

- * No maintenance worker access: create new maintenance worker view
- * No booking history : create new models + admin view
- * No filtering options for building: create new filter buttons + indexes for building

#Future Prospect:

- *Automatic Roommate Matching Algorithm.
- *Mobile App Integration.