Roommate Finder Project Documentation

Project Summary Roommate Finder is a web-based application designed to connect individuals seeking shared housing.

Roles

• **User**

Functionality by Role

- User can find roommates by reaching out to people and add there listing so other people can reach out to him
- User can upload apartment listing so people can reach out to him to find a perfect apartment.
- Messaging is provided in the web application so no need to go to any other website or mails.
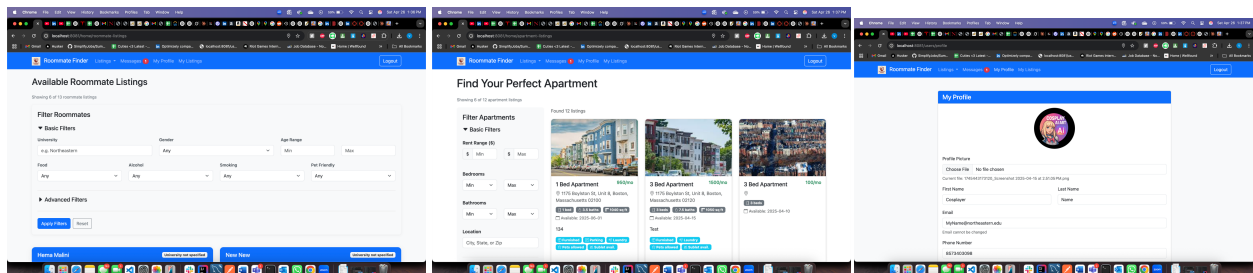
Security

Authentication:

- Email/password registration with bcrypt hashing

- JWT-based stateless session management

Authorization:

- Role-based access control via Spring Security

- Endpoint restrictions based on user roles

Photos from some screens

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