

Room Mate

Group 2: Cameron, Grace, Jaden, Brendan, Mei

Mission statement:

We bring the largest room of potential roommates to your fingertips.



What We Do

At Room Mate, we are determined to eliminate the stressful experience of finding the right roommate during ones college years.

The goal was to make something easy to use to reduce the stress of the early college experience.



A close-up photograph of a person's hand holding a white marker, drawing on a whiteboard. The background is blurred, showing what appears to be a classroom or office setting with some lights and objects.

The solution


Determined to ease this process we created Room Mate:

1. Student opens an account with a custom username and password
2. Complete their profile with info such as graduation year, rent preferences or dorm names
3. Browse students with similar preferences
4. Match, message, and share contact info with the between mutually interested roommates

svg-mesh-3d


localhost:9966

The Stack



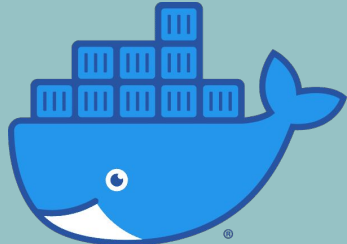
VS Code

★★★★★




Github

★★★★★



Docker


★★★★★



RoomMate

Custom API


★★★★★



PostgreSQL

Data Base


★★★★★



HTML


Front End

★★★★★



EJS

★★★★★



Application Server

★★★★★

Communication

Github Project Board

Updated project board
with issue and sprint
statuses

Google Docs

Braindump and
structure ideas and
plans

Google Meet

Weekly standups with
TA for previous
progress and future
plans

Notion Project

Used notion to structure
priorities, sprints and
assignments

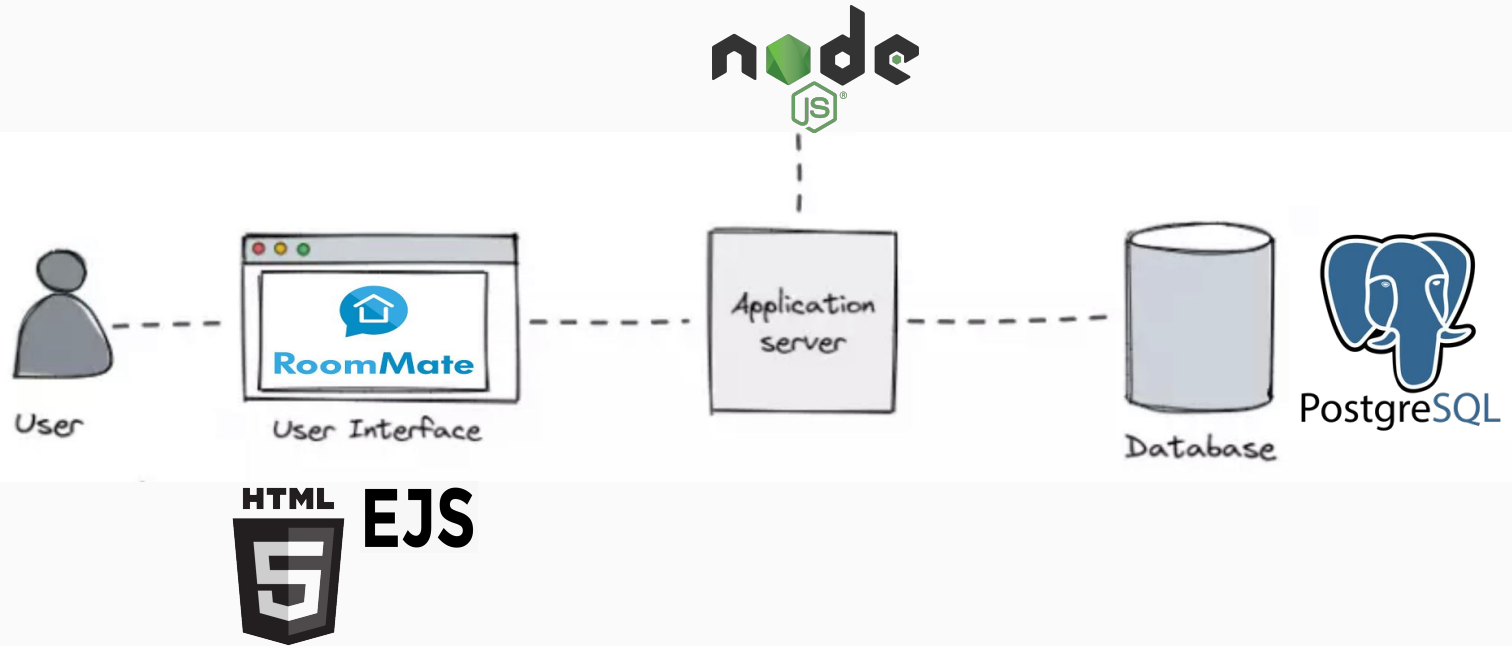
Discord

Communicate directly
with team through
audio and chat room

Software Development Methodology

- Agile methodology
- Operated in sprints with clear goals for each group member.
- Initially started with Notion, but transferred over to GitHub project boards and Discord communications.
- Multiple people on the team tested each API explicitly, and implicitly through implementation and integration with multiple users.

Architecture Diagram



Demo

RoomMate

Roommates

My Profile

Log In

Filters

Year ▼

Location/Dorm ▼

Max Rent

Roommates

Submit



Eugene

Graduation Year: 2024

Preferred Neighborhood/Dorm: The Hill

Preferred # of Roommates: 8+

Max Rent: \$900

Hey boys! I'm new to Boulder and looking for a group of young and energetic students to live with. I took a few gap years after high school, but I'm still seventy one years young and have some spring left in my step! I love to spend time with my wife and grandchildren, playing bingo, and watching golf. Looking for some roommates to rent a place on the Hill, throw parties and get completely hammered with!



Name

Graduation Year: YEAR

Preferred Neighborhood/DORM: PLACE

Preferred # of Roommates: AMOUNT

Max Rent: AMOUNT

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