

Student Assistance

Team Mitochondria

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Problem Statement

Want to experience a new city as a student but are tired of looking for a place to live and a preferable roommate?



Purpose

To make international students feel comfortable and welcome in their new environment, we have come up with an idea to build a web application that allows a student to *search for housing*, *find flatmates* according to their preferences and view *upcoming college events* so that they don't miss out on any opportunity.





Key Features

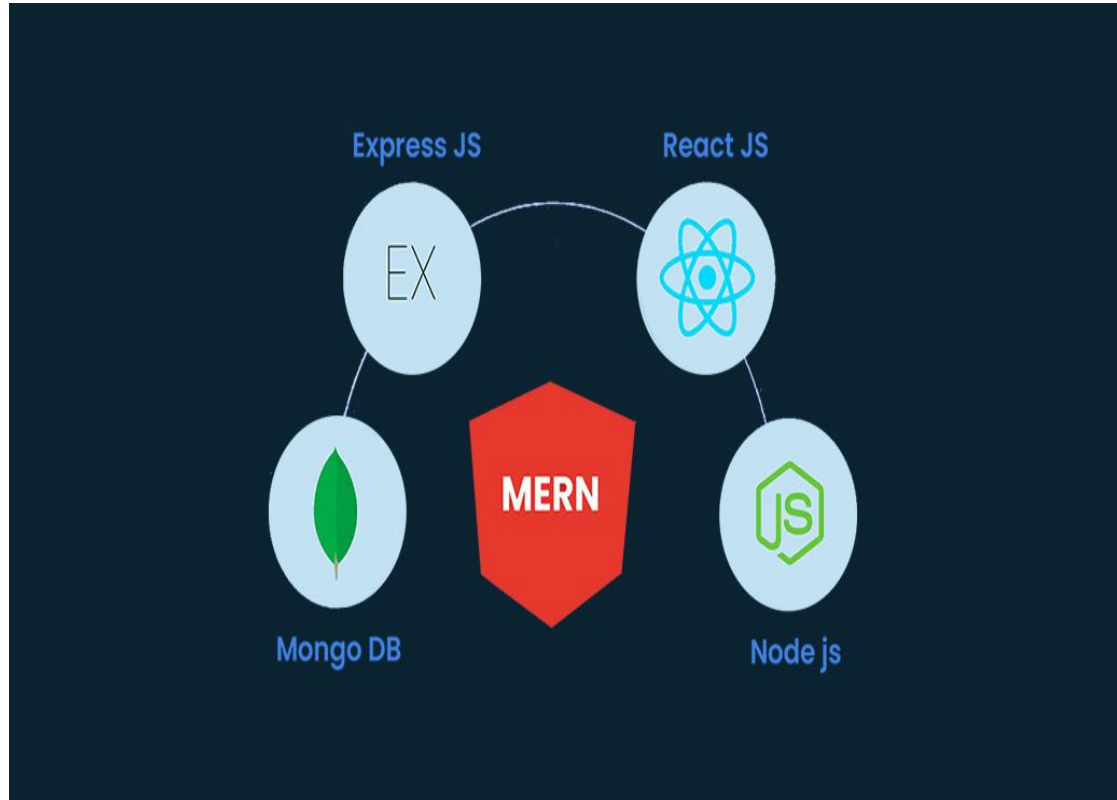
- Login & Register
- Flatmate Finder
- Search Housing
- Upcoming Events
- Admin Page





Tech Stack

- React
- NodeJs
- Express
- Redux
- MongoDB





Contribution

Romil Tiwari

- UI and Server creation for Upcoming Events
- Admin Functionality and Admin Server Implemented
- CRUD for Events, Archive Events
- Database
- Registration and Login Functionality

Shruti Srivastava

- UI and Server creation for Housing
- Search Housing as per parameters
- Admin and Serve Functionality Implemented
- CRUD for Housing, Archive Housing
- Database
- Verification of Registration/Login

Farida Fakhri

- Authentication and Authorization using Tokens stored at server side with expiry
- Flatmates Profile CRUD, Flatmates Group CRUD
- Ability to send roommate requests and form groups. Flatmates UI.
- Logout functionality.
- Database

Anjali Kakade

- Landing Page Ui Design and implementation
- User Functionality and User Server Implemented
- Profile Functionality CRUD Handling
- UI Validation
- Database

Register



Already Have an account?

[Sign In](#)

Username

Enter Your User Name here

Full Name

Enter Your Full Name here

Email address

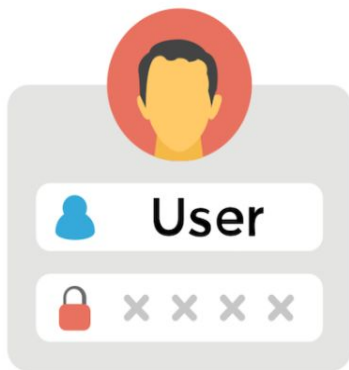
Enter Your Email here

Password

Enter Your User Password here

Submit

Sign In



Don't have an account yet?

Register

Admin

User

Email

Enter your registered email here

Password

Enter password here

Login

[Forgot Password?](#)

Admin Landing Page

Event

Event Handling



Manage Events

Perform Create, View, Update and Delete operations on Events.

Housing

Housing Handling

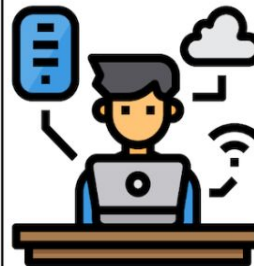


Manage Housing

Perform Create, View, Update and Delete operations on Housing.

User

User Handling



Manage User Database

Perform Create, View, Update and Delete operations on User Database.



Find Roomates

[Profile](#)[Roommate Group](#)[Search for Roommates](#)[Requests](#)

Profile Picture



Full Name

shruti

Age

25

Likes

- A
- b
- c

Dislikes

- m
- n
- v

Living Preferences

Number of Flatmates

2

Eating Preferences

veg

Do you smoke?

No

Do you drink?

No



Find Roomates

[Profile](#)[Roommate Group](#)[Search for Roommates](#)[Requests](#)

Number of People : 3

Eating Preferences : veg

Smoking : No

Drinking : No

[Request to join](#)

Name : shruti

Age : 27

Likes

Dislikes

- a
- b
- b
- c

- s
- d

Living Preferences

Number of People : 3

Eating Preferences : veg

Smoking : No

Drinking : No

[Request to join](#)

Name : Flatmate Group 6391fdc039ad1ae9171b171d

Members

- shruti
- shruti

[Request to join](#)



Find Roomates



[Profile](#)

[Roommate Group](#)

[Search for Roommates](#)

[Requests](#)

Incoming Requests

Outgoing Requests

You have requested [shruti](#) to join their group!

Deny

Find Roommates



[Profile](#)

[Roommate Group](#)

[Search for Roommates](#)

[Requests](#)

Incoming Requests

[Romil Tiwari](#) wants to join your group!

Accept

Deny

Outgoing Requests



Find Roommates

[Profile](#)[Roommate Group](#)[Search for Roommates](#)[Requests](#)

Flatmate Group

[Edit](#)

Group Members

- shruti
- shruti

[Leave Group](#)

Upcoming Events



[View Your Saved events](#)

Archive



Thanksgiving
09/12/2022



Event Description : Free Hot Chocolate
Event Location : Snell Library
Event Time : 11:00



Sunday Eve
11/12/2022



Event Description : Sunday Brunch {10\$/pp}
Event Location : Panera Bakery
Event Time : 14:00

Saved Events



Thanksgiving



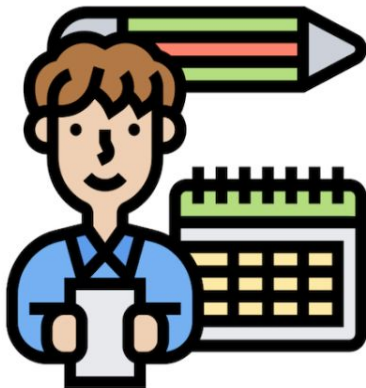
Free Hot Chocolate

09/12/2022

11:00

Snell Library

Manage Events



Create Events

Delete Events

Event Name

Enter event name here

Event Description

Enter event description here

Event Date

mm/dd/yyyy



Enter event date here

Event Time

--:--



Enter event time here

Event Location

Enter event location here

Submit

Manage Events



Create Events

Delete Events

Event Name

Enter event name here

Event Description

Enter event description here

Event Date

mm/dd/yyyy



Enter event date here

Event Time

--:-- --



Enter event time here

Event Location

Enter event location here

Submit

Housing

View Your Saved Housing

Archive

Search

Country

Enter Country

State

Enter State

City

Enter City

Zip

Housing Type

Permanent ☐

Temporary ☐

Min
Budget

Max
Budget

Room

Bath

Lucifer House

Permanent



Address: Jamaica Plain

Utility Included: Water

Availability: 2023-01-01

Contact:romil.tiwari@gmail.com

Number of Rooms :4

Number of People :6

Area Zip Code : 02130



\$3800

Day Street Apartment 3

Temporary



Address: 61, Day Street

Utility Included: Water Electricity Heat

Availability: 2023-01-01

Contact:shruti@gmail.com

Number of Rooms :3

Number of People :3

Area Zip Code : 02130



\$600

Saved Housing Results



Lucifer House



Address:

Utility Included: Jamaica Plain

Availability: 2023-01-01

Contact: romil.tiwari@gmail.com

Number of Rooms :4

Number of People :6

Area Zip Code : 02130

\$3800

Thankyou

