



# MESSFINDER

Also Known as Mess Finder A single platform for finding and listing rooms and PGs.

## TEAM MEMBERS

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7. Souvik Bhattacharya
8. Sujoy Bhakat
9. Susanta Mandi



# Know About MessFinder

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## What is Mess Finder?

"Mess Finder is a web application which helps *students* and working professionals find affordable rooms for rent."



MESSFINDER



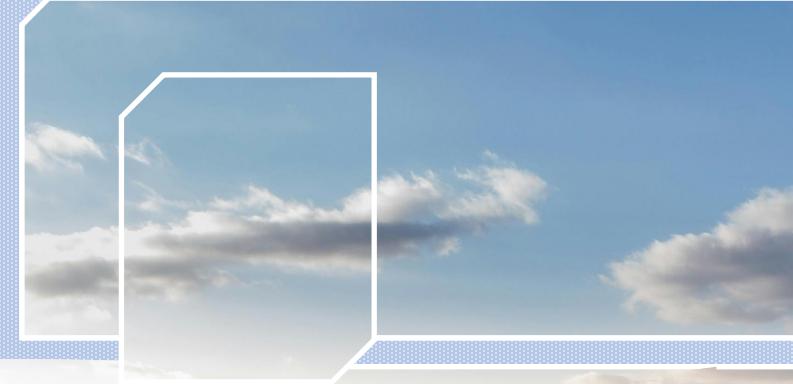
# I Know About MessFinder

3. 2.

## Who is it for?

"By rendering general rooms without help

"Is it for specifically students and working professionals, who have to switch to another location for study and working purpose, it helps them find rooms in advance before relocating."



# Know About MessFinder

3.

## Why we built this app?

“By considering the high demand of rental rooms, in the growing generation, it is very difficult to find rooms too easily and quickly, but with our one stop solution it can help you to find rooms.”



# Problems facing!



1

## Difficult to find rooms!

“To find room, people have to check many different places like, Facebook, Google Map, posters, or ask others to find a room. As everything is unorganized.”



# Problems facing!

2

## Lack of trusted sources.

“it is very difficult to verify owner credibility and trusted room, as many scamming sites are there who fool users and steal money from them.”



# Problems facing!

3

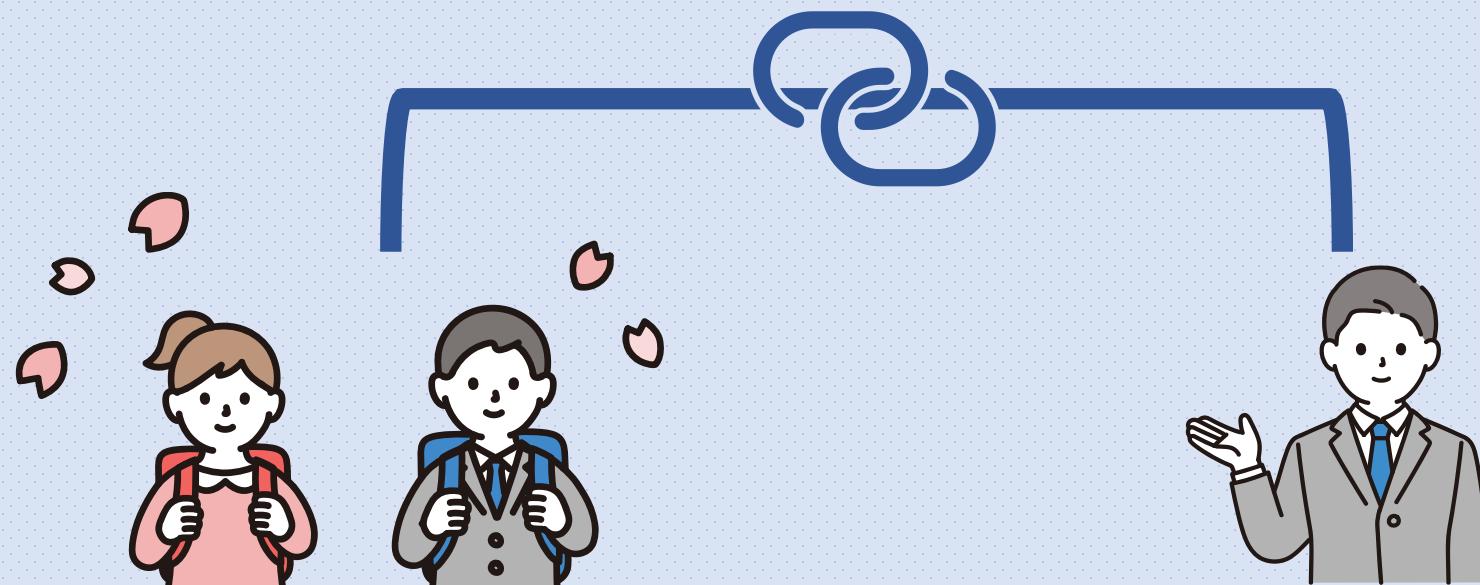
## Very hard and time-consuming!

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# Our Goals

- Connect room seekers with owners
- Easy-to-use, secure platform
- Support local rental economy



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# How MessFinder Helps Society

- ❑ Benefits students and job seekers
- ❑ Supports local PG owners
- ❑ Encourages digital inclusion



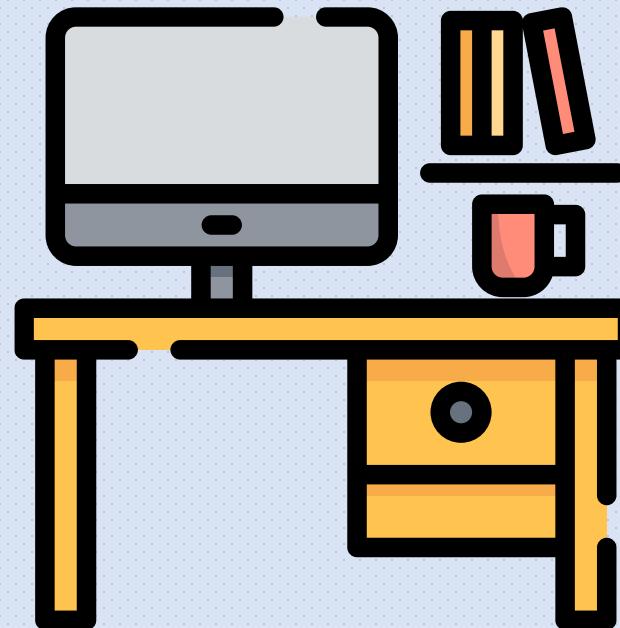
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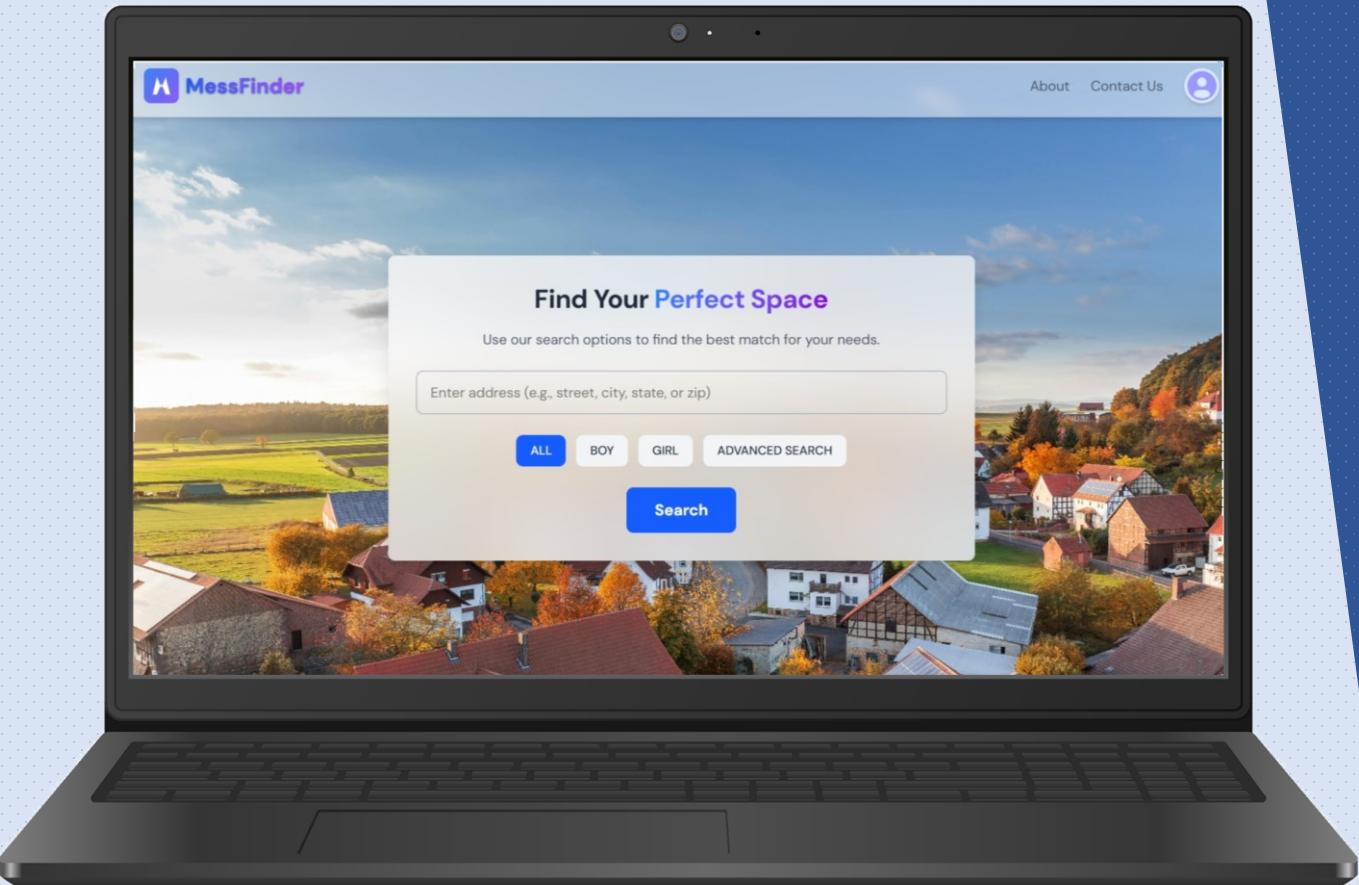
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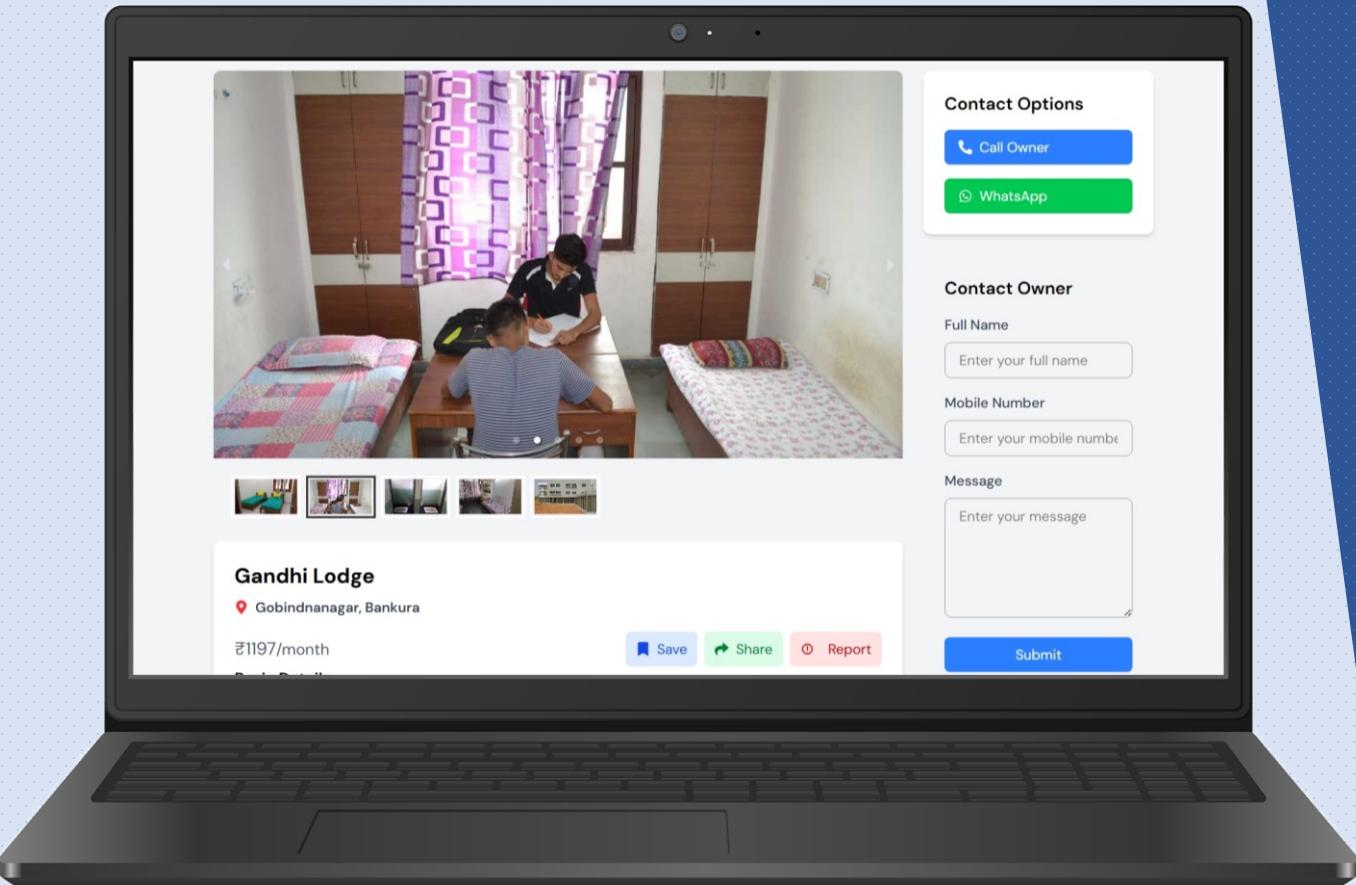
# Main Features

- ❑ Users can search and filter result.
- ❑ Owners can post rooms with images.
- ❑ Real-time chat and easy booking.



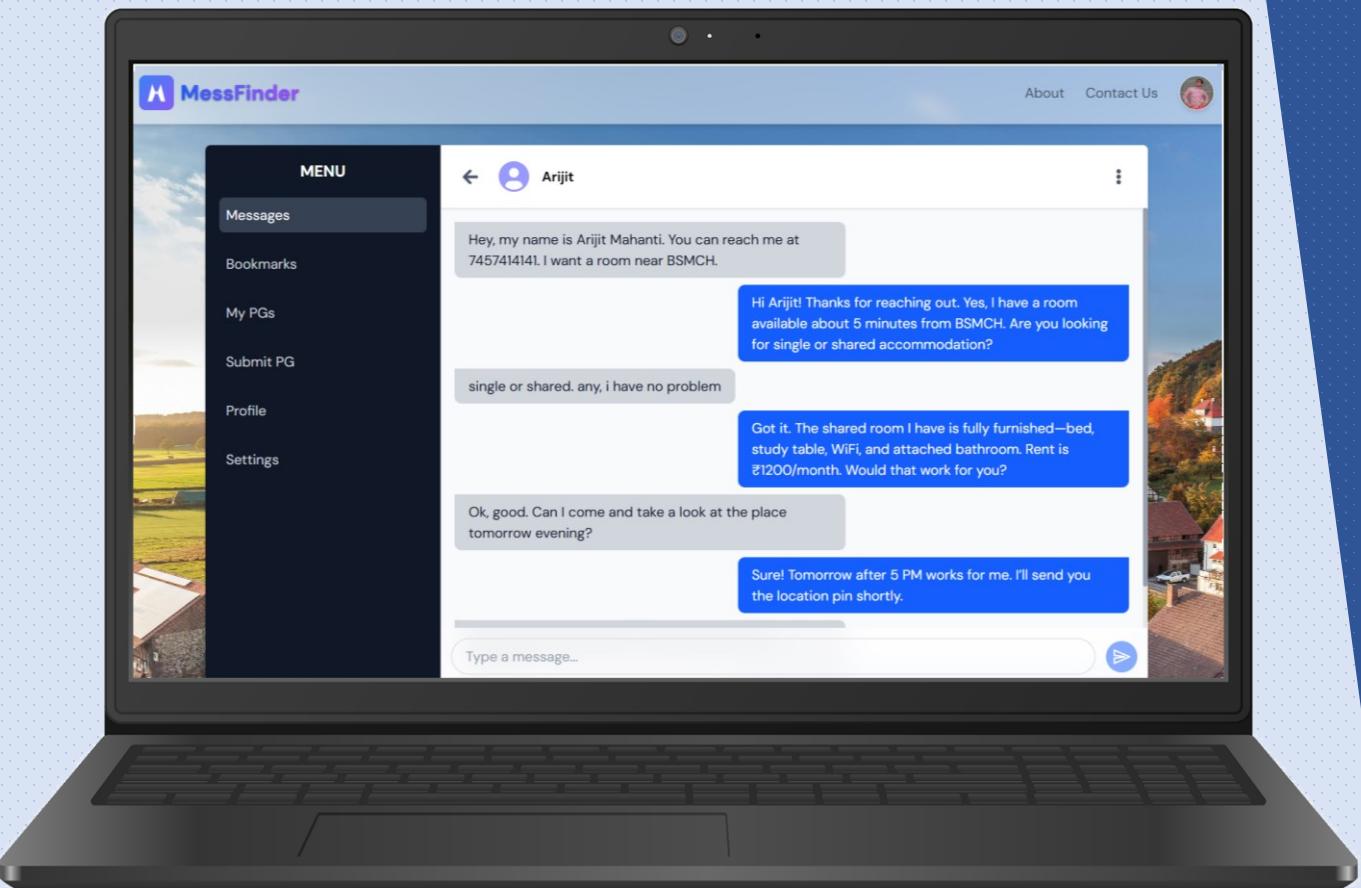
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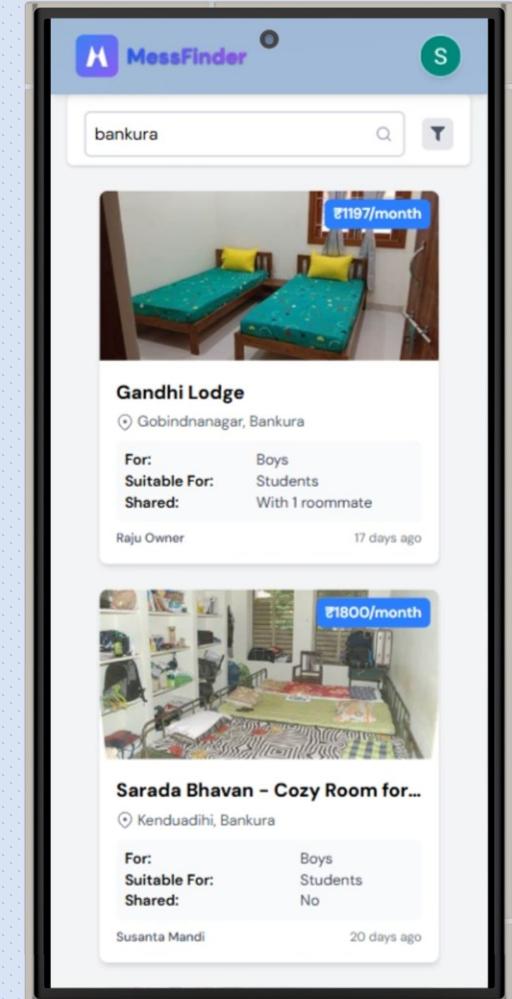
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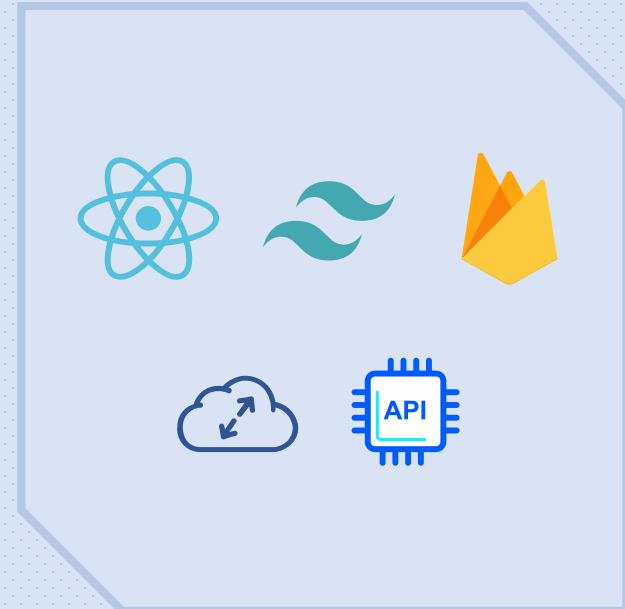
# Is MessFinder Feasible?

- Anyone with a smartphone can use it.
- Built on simple, scalable tools.
- Low-cost setup, deploy and host using free tools.



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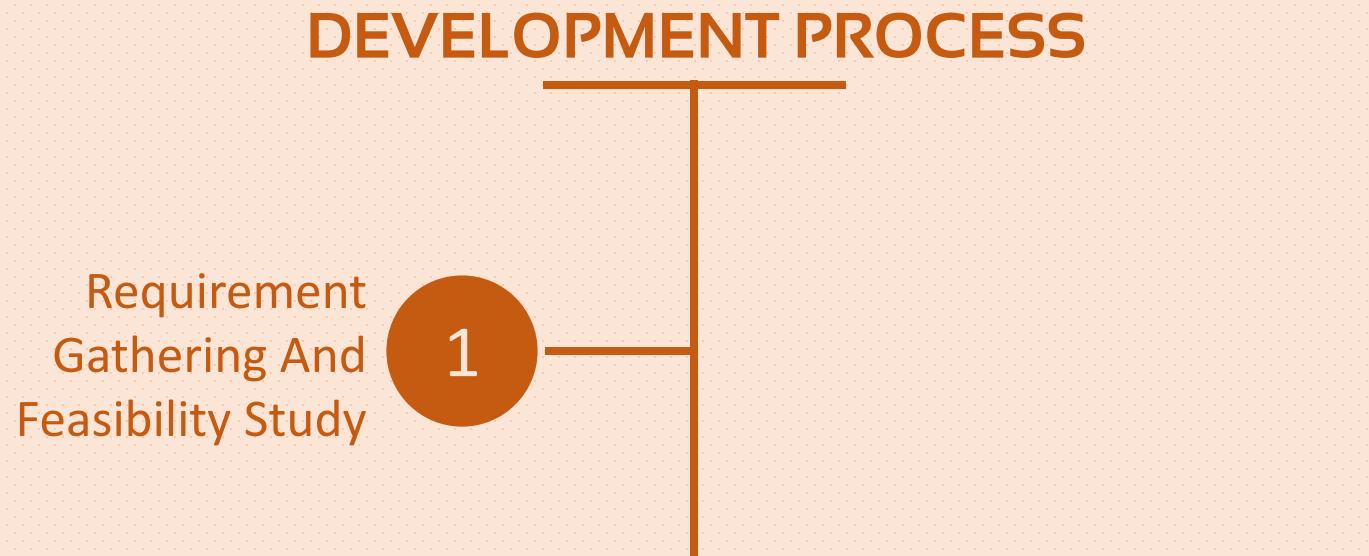


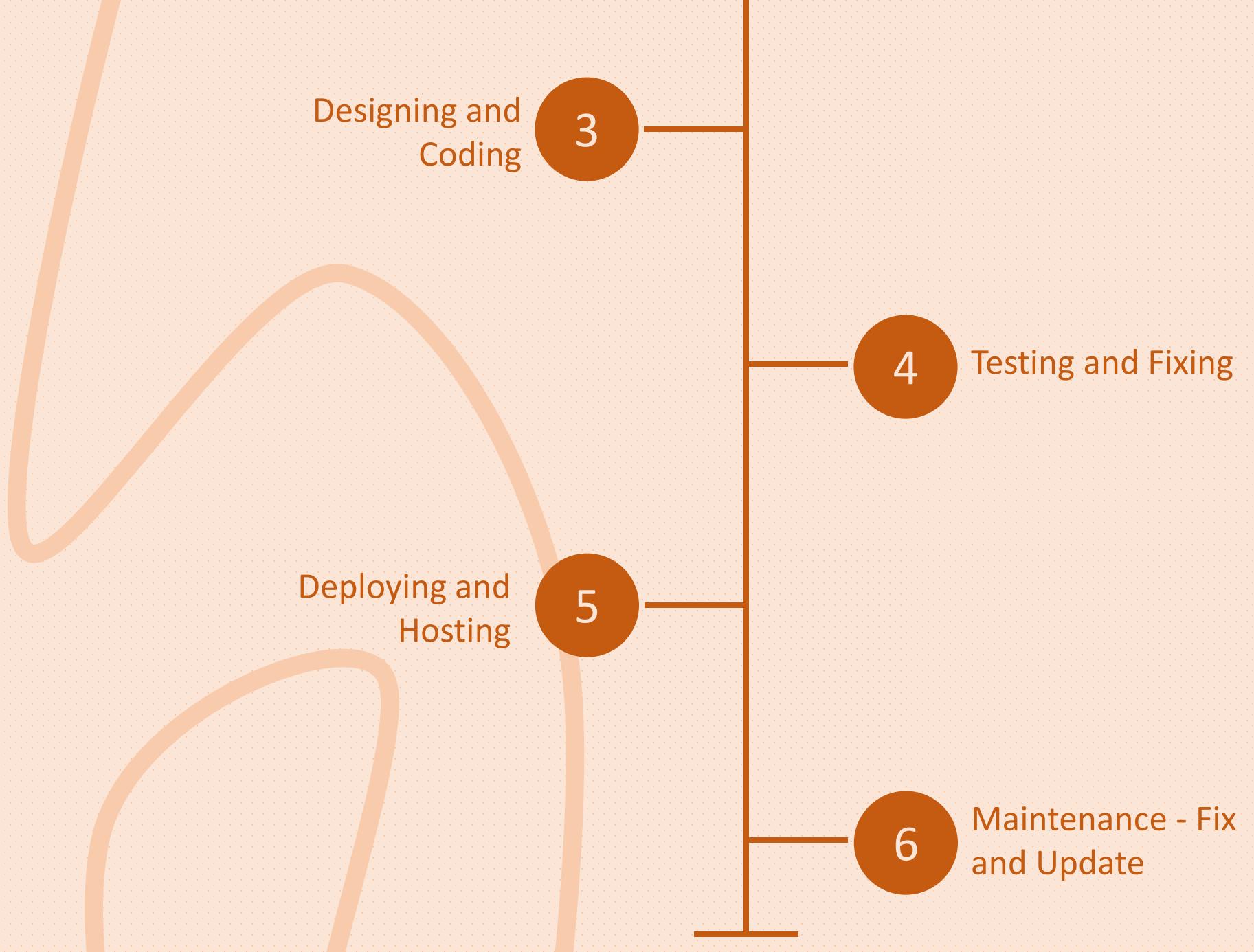
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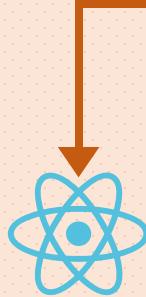


# How It's Built





# Why this Tech Stack



## React

- Reusable Components
- Efficient Rendering
- React Router
- State and Hooks
- And many more



## Tailwind

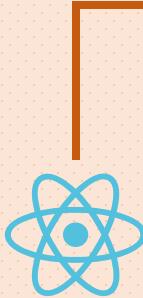
- Fast and Flexible
- Mobile-first, responsive design
- Clean and maintainable styling



## CirrusLTS

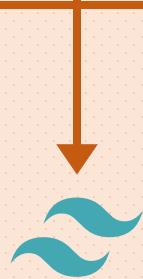
- Firebase Authentication
- Real-Time, scalable
- NoSQL database
- Cloud Storage for images/files

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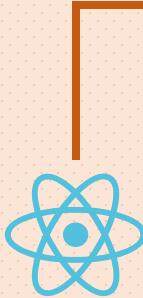
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- / Ցանցական համակարգ
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## Circles

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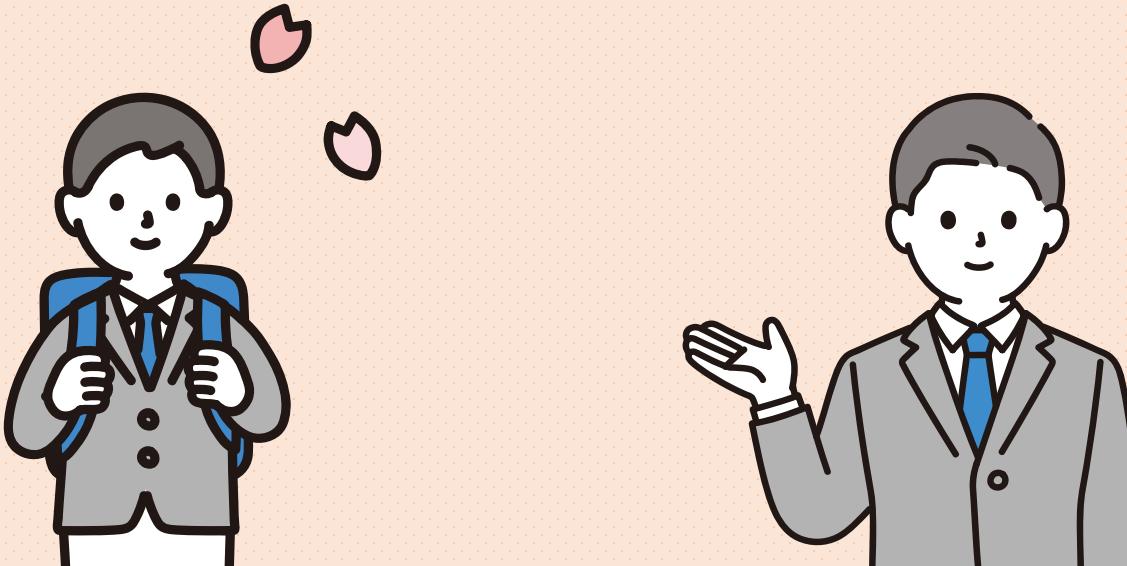
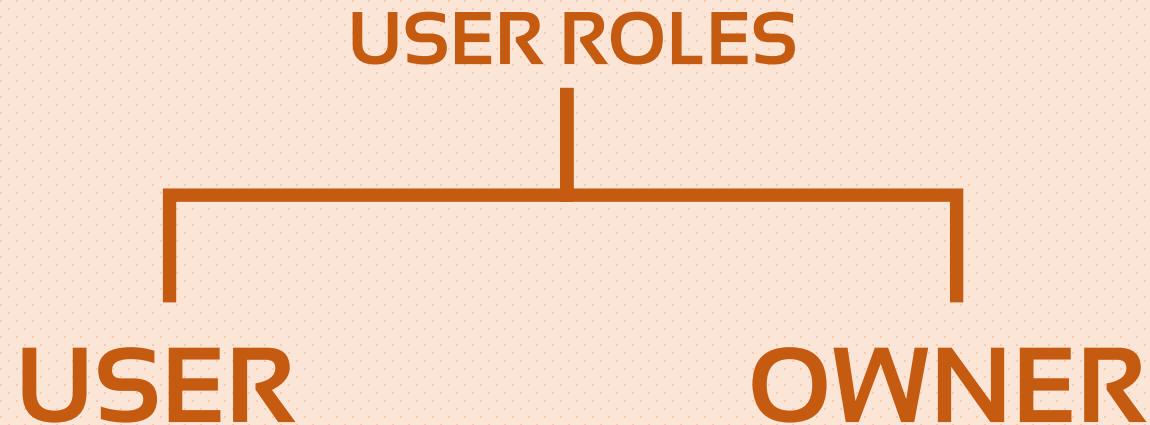
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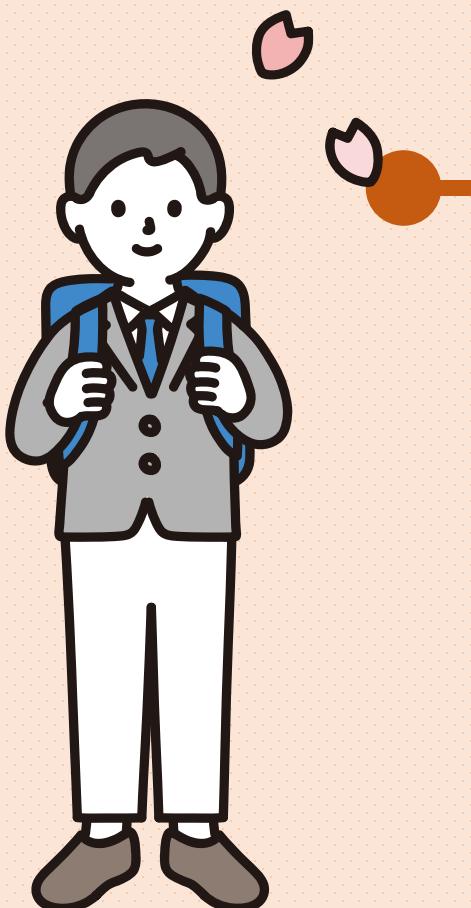
## Cypress

- Cypress ! Most Satisfied
- We Love Cypress
- browser [ Cypress
- / Same { Unit, Integration, UI, etc, test

# Who Can Do What



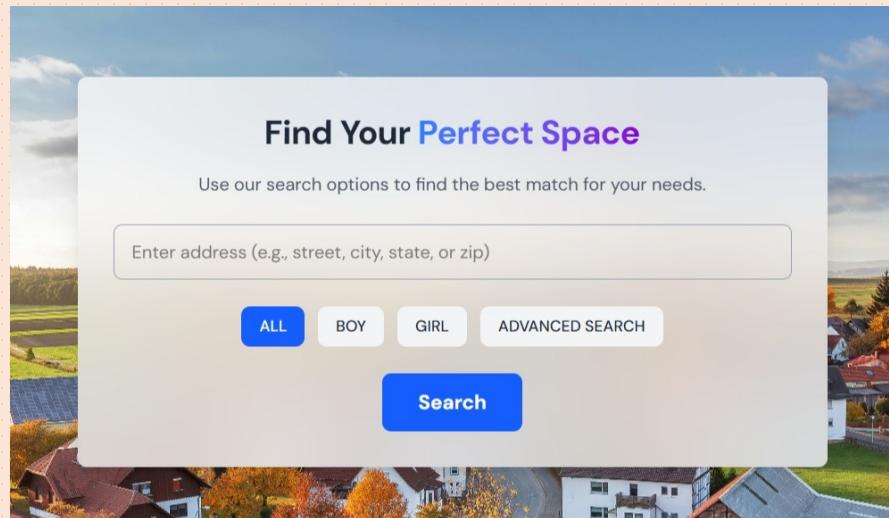
# USER FLOW

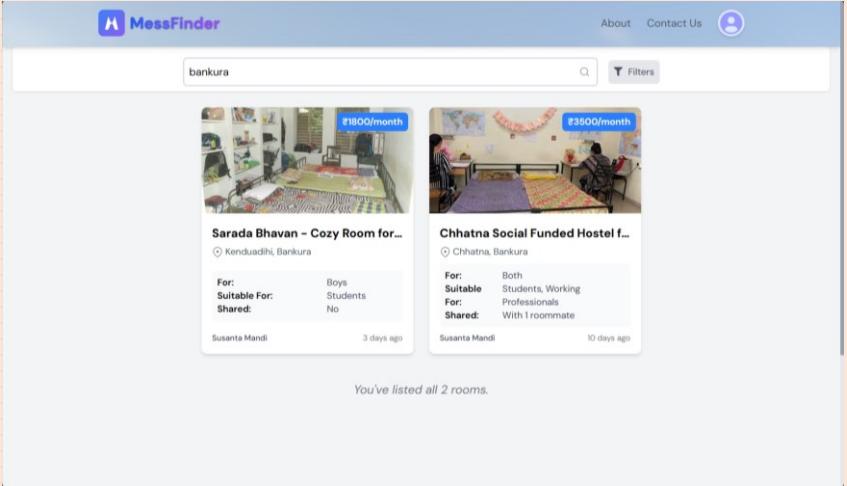


## HomePage

1

Enter Search  
Keyword, (e.g.,  
Location, Name)  
and click on  
Search)





2

## Search Result

Enter Search  
Keyword, (e.g.,  
Location, Name)  
and click on  
Search)

## Room View

3

Click on Contact Options, to Contact, or Send a message instead.

The screenshot shows a room view for 'Gandhi Lodge' located in Gobindnanagar, Bankura. The room features two single beds with pink and white patterned bedspreads, a wooden desk in the center, and a window with purple and white checkered curtains. A person is sitting at the desk. Below the image are five smaller thumbnail photos of the room. The right side of the screen contains a sidebar with 'Contact Options' (Call Owner, WhatsApp), 'Contact Owner' fields for Full Name and Mobile Number, and a 'Message' input field with a 'Submit' button.

**Gandhi Lodge**  
Gobindnanagar, Bankura

₹1197/month

Basic Details

Contact Options

Call Owner

WhatsApp

Contact Owner

Full Name

Enter your full name

Mobile Number

Enter your mobile number

Message

Enter your message

Save Share Report

Submit

### Login as User

Email

Password  
 

**Login**

[Forgot Password?](#)

---

OR

 [Sign in with Google](#)

[Don't have an account? Register](#)

4

## Login

Login as user, to chat with owner, and save rooms, and access other features.

# Message

5

Message with owner, and fix date for visit, and fix rent.

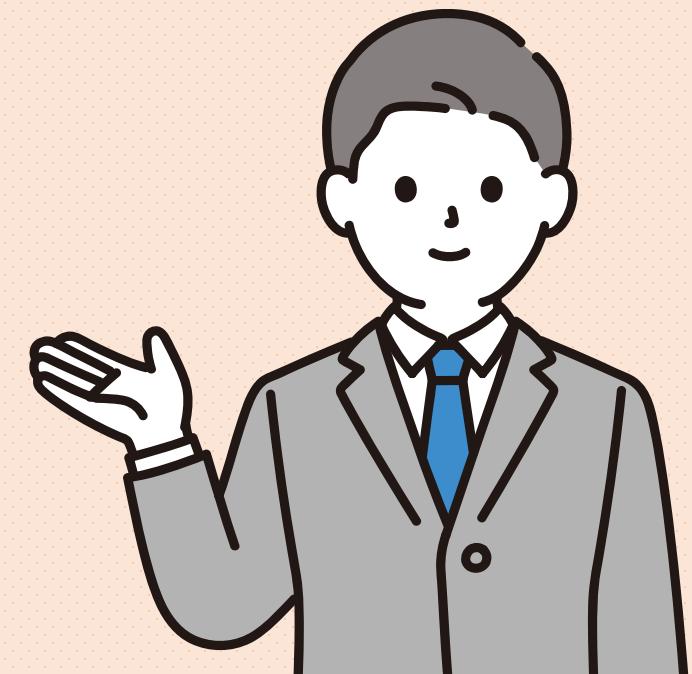
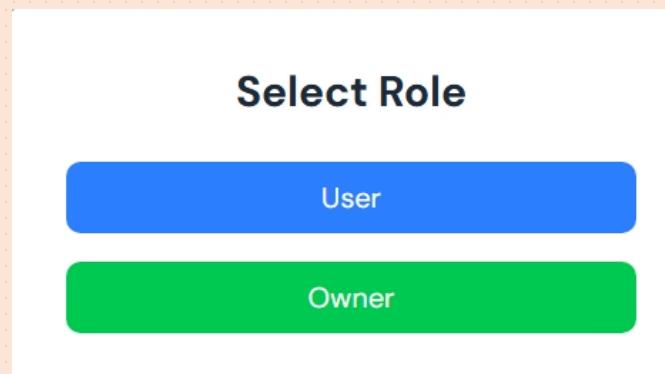


# OWNER FLOW

## Select Role

1

Select Owner as  
Role, When  
Creating new  
account.



**Register as Owner**

Email

Password

Confirm Password

By registering, you accept our [Terms and Conditions](#).

**Register**

OR

**G Sign up with Google**

Already have an account? [Login](#)

2

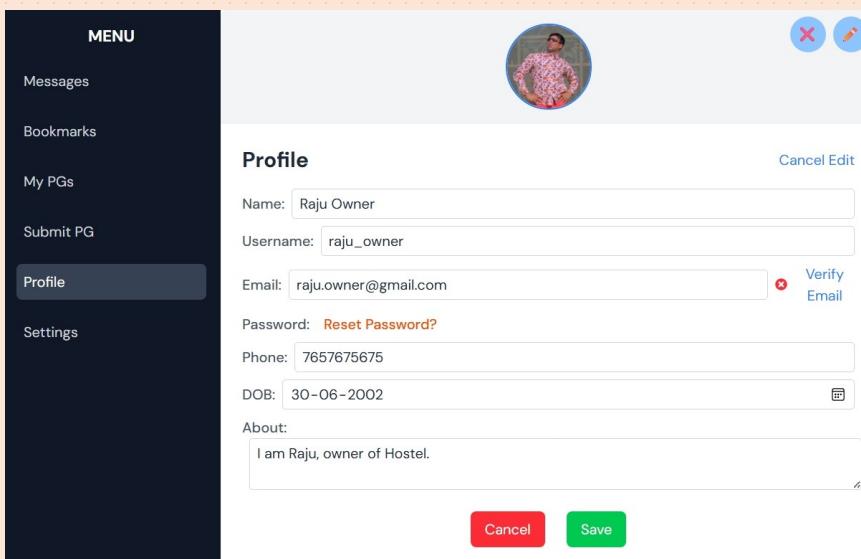
## Login/Register

Login or Register as owner, to access features like creating room, and messaging with users, etc.

## Edit Profile

3

Update Profile details, like mobile, email, to submit details and accept calls, and messages.



**Submit a New PG**

Name  
Enter PG/Room Name

Location  
Address, Landmark, Area or Locality, Any?

State  
Select State

District  
Select District

Pincode  
Pincode

Description  
Write detailed description of your Mess or Hostel, include any extra information, if you want..

Upload Images (Upto 7)  
Click to Upload Images

Draft      Submit

4

## Submit PG

Submit Your, PG,  
Room Details to with  
images and location,  
to list on search.

# Published

3

Finally Show Your PG  
list, or in search  
result.

Filters

**Gandhi Lodge**  
Gobindnanagar, Bankura

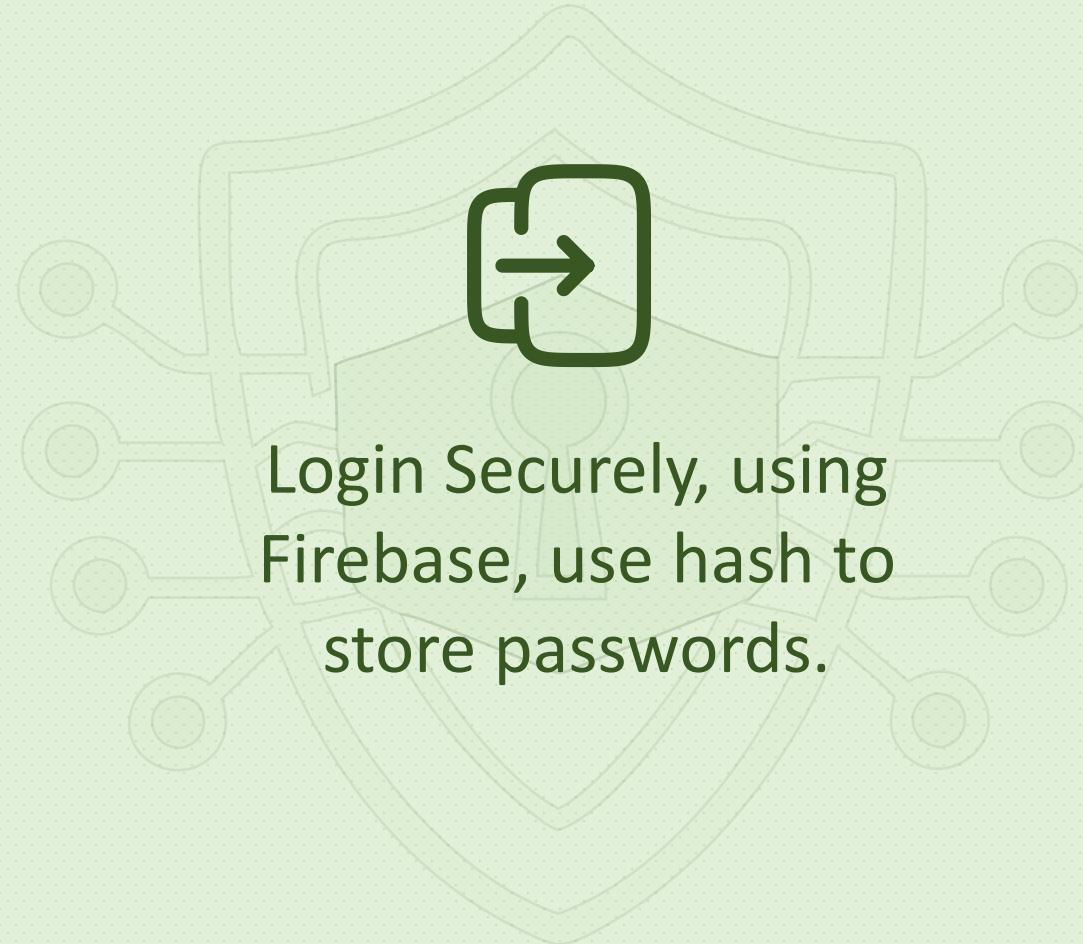
For: Boys  
Suitable For: Students  
Shared: With 1 roommate

Raju Owner 18 days ago

You've listed all 1 rooms.

# Keeping Data Safe (Security)

- Secure login
- Secure chat
- Using hash and encryption
- Role-based access control
- Using HTTPS



Login Securely, using  
Firebase, use hash to  
store passwords.

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Passwords and Users  
Information are saved  
and transferred securely  
with advance encryption  
methods.

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User can access data  
that is required, and  
can't access others data.  
It prevents misuse of  
privilege.

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HTTPS uses SSL/TLS to encrypt communication between the browser and the server, keeping data secure and protected from interception.

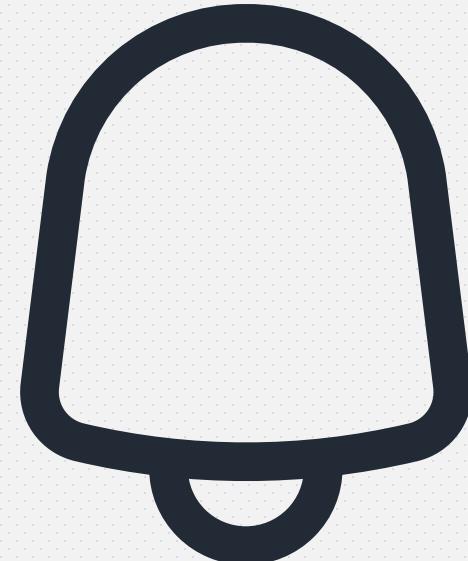
# What's Next? (Future Plans)

- ❑ Add payment and map features.
- ❑ Push notifications.
- ❑ Map based Search.
- ❑ Accessibility Controls
- ❑ User review/rating system



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**THANK  
YOU**