Wireframe Flows (The Big Picture)

General Sign Up Process

Sign Up Process For People That Have a House

Sign Up Process For People Looking for a House

LEGEND

YELLOW ARROWS
Common path between all user groups

RED ARROWS
Path for user group 1

BLUE ARROWS
Path for user group 2

Refer to list of ideas on explanation of user groups
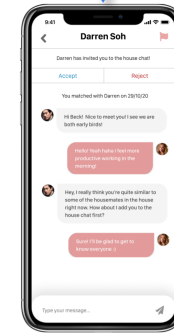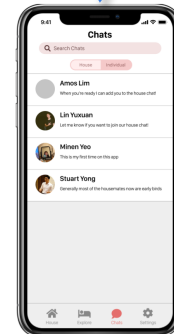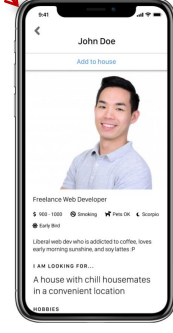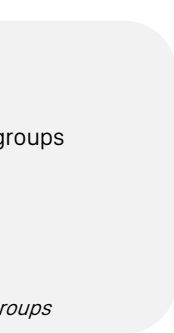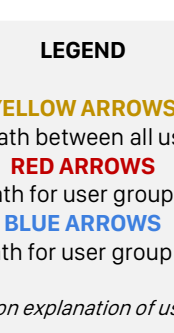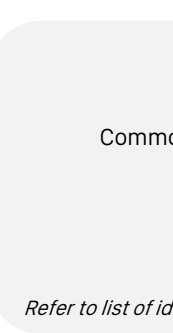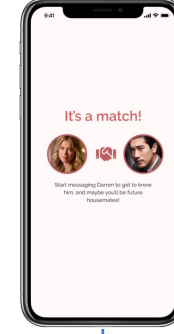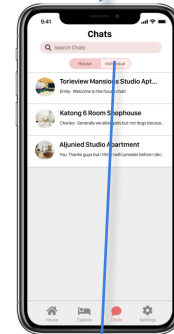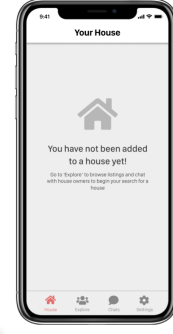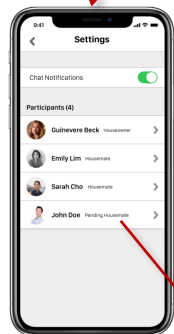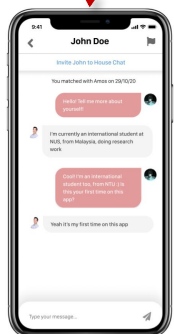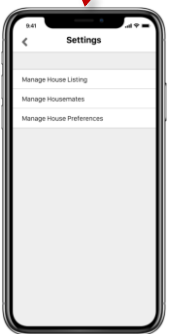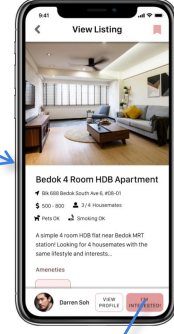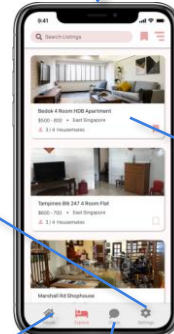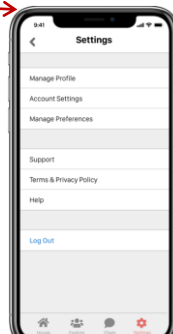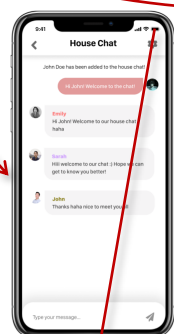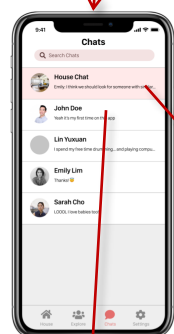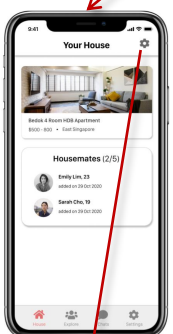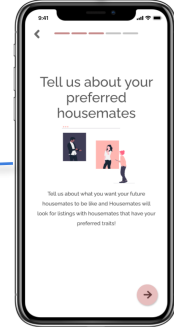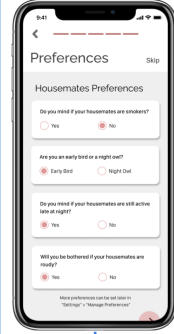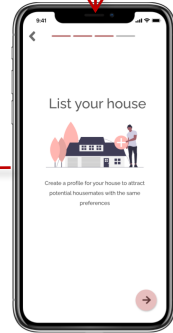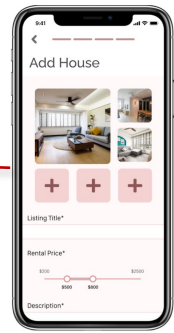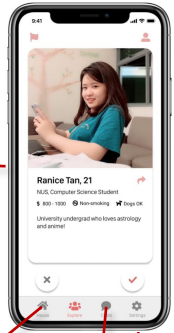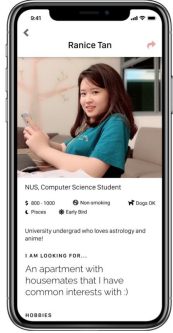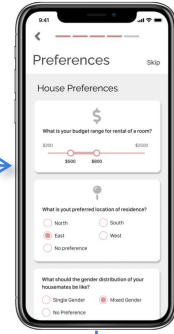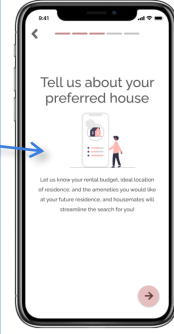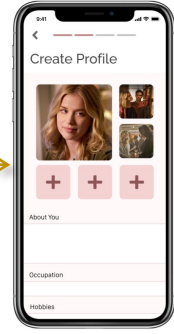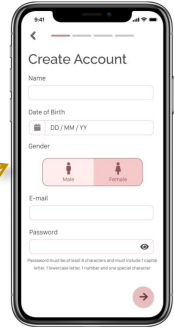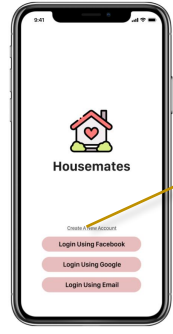
Sign Up Process (1/2)

Progress indicator to let users know where they are in the sign-up process

Login Page

Housemates

Create A New Account

Login Using Facebook

Login Using Google

Login Using Email

Create Account

Name

Date of Birth

DD / MM / YY

Gender

Male   Female

E-mail

Password

Password must be at least 8 characters and must include 1 capital letter, 1 lowercase letter, 1 number and one special character

Next Button
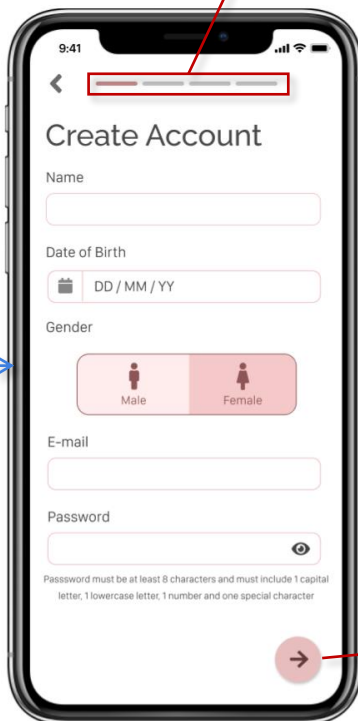
The general sign-up flow consists of an account creation page, followed by a profile creation page, and a question page that seeks to understand the goal of the user when using the application. After the question page, depending on the user's choice, the sign-up process will be different

Help button that when tapped, presents a popup to users explaining the buttons on this page

Create Profile

About You

Occupation

Hobbies

You are...

Looking for a house

Looking for housemates, I already have a place!

Starter ice breaker questions to be shown on the user's public profile

Hobbies

3 Interesting Facts About You

You can answer more questions in the "Manage Profile" page in "Settings" after you have completed the sign up

Sign Up Process (2/2)

Pages indicated with * are helper pages with information to help users understand the sign-up process

User chooses path of houseowner looking for housemates

User chooses path of person looking for a house and housemates

Skip button to allow users to skip preferences pages that can be revisited later

*

List your house

Create a profile for your house to attract potential housemates with the same preferences

*

Tell us about your preferred house

Let us know your rental budget, ideal location of residence, and the amenities you would like at your future residence, and housemates will streamline the search for you!

9:41

Preferences   Skip

House Preferences

$

What is your budget range for rental of a room?

$200 $2500
            $500 $800

What is your preferred location of residence?

○ North   ○ South
● East   ○ West
○ No preference

What should the gender distribution of your housemates be like?

○ Single Gender   ● Mixed Gender
○ No Preference

Add House

Listing Title*

Rental Price*

$200 $2500
            $500 $800

Description*

*

Tell us about your preferred housemates

Tell us about what you want your future housemates to be like and Housemates will look for listings with housemates that have your preferred traits!

9:41

Preferences   Skip

Housemates Preferences

Do you mind if your housemates are smokers?
○ Yes   ● No

Are you an early bird or a night owl?
● Early Bird   ○ Night Owl

Do you mind if your housemates are still active late at night?
● Yes   ○ No

Will you be bothered if your housemates are rowdy?
● Yes   ○ No

More preferences can be set later in "Settings" > "Manage Preferences"

Sign-up complete

Sign-up complete

Each target group has a different interface depending on what the goal of the user is when using the application

The 'Explore' Page

### User Group 1 – Homeowners looking for housemates
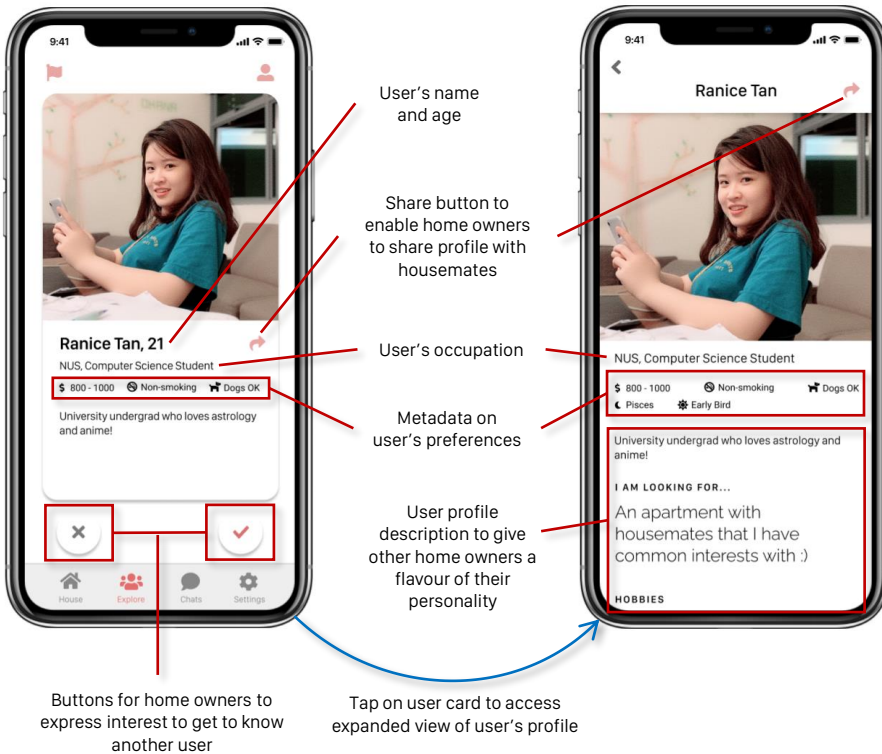
User's name and age

Share button to enable home owners to share profile with housemates

User's occupation

Metadata on user's preferences

User profile description to give other home owners a flavour of their personality

Buttons for home owners to express interest to get to know another user

Tap on user card to access expanded view of user's profile

Upon entering the application, they will be brough to an 'Explore' page that presents to them potential housemates, and their profiles, where the house owners can decide on their suitability as a housemate through looking at their profile.

The house owner can then choose to indicate interest in the user or not via the buttons at the bottom of the profile card

### User Group 2 – People looking for a house + housemates
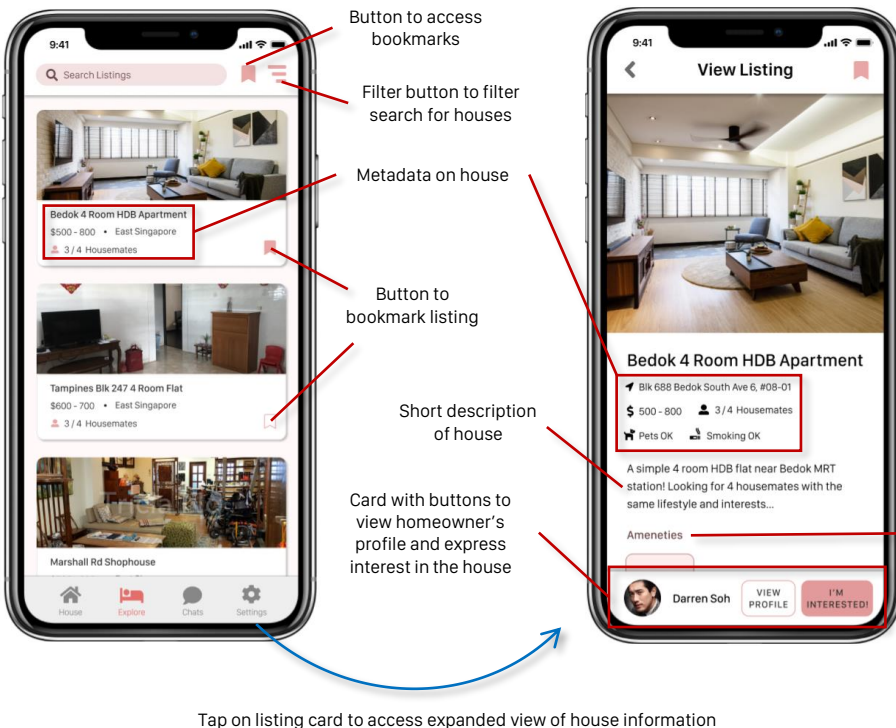
Button to access bookmarks

Filter button to filter search for houses

Metadata on house

Button to bookmark listing

Short description of house

Card with buttons to view homeowner's profile and express interest in the house

Tap on listing card to access expanded view of house information

Upon entering the application, they will be brough to an 'Explore' page that presents to them listings of potential houses, which they can look through and tap on to view more details of the house

The user can then choose to indicate interest in the house and getting to know the homeowner better in the expanded view of the listing

Information on the ameneties and other conveniences of the home and location

Design of Main Interface (4/6)

The 'Chats' Page (1/2)

User Group 1 – Homeowners looking for housemates

Via the chat interface, homeowners can manage and add users to their house chat so that potential housemates can get to know each other better. The homeowner can also add people to the house

The house chat is highlighted pink and always at the top of the chat list

Homeowners can view and manage participants by accessing the chat settings

House Chat

Status of participant, if they are the Homeowner, a pending housemate or an official housemate

From the Participants list, homeowners can add a user to the house, or remove the user from the house chat

Flag button for users to report other users that are misbehaving on the app

Button to invite user into homeowner's house chat

Button for homeowner to add user to the house

Scrolling down, there is a button for the homeowner to remove the user from the house chat

Individual Chat

Design of Main Interface (5/6)

The 'Chats' Page (2/2)

### User Group 2 — People looking for a house + housemates

Individual Chat

House Chat

It's a match!

Start messaging Darren to get to know him, and maybe you'll be future housemates!

Darren Soh

Darren has invited you to the house chat!

Accept | Reject

You matched with Darren on 29/10/20

Hi Beck! Nice to meet you! I see we are both early birds!

Hello! Yeah haha I feel more productive working in the morning!

Hey, I really think you're quite similar to some of the housemates in the house right now. How about I add you to the house chat first?

Sure! I'll be glad to get to know everyone :)

Type your message...

Aljunied Studio Ap..

Adam has invited you to join the house!

Accept | Reject

Adam Homeowner
I think you're a really good fit for our house!

Lee Housemate
Yeah! I hope you accept the request to join our house

Thanks guys but I think I will consider my options before accepting the request

Type your message...

Upon matching with a homeowner, the user will be directed to a chat with the homeowner

Homeowners can send users invitations to join their house chat which they can choose to accept or reject

Homeowners can send users invitations to join their house which they can choose to accept or reject

Chats

🔍 Search Chats

House | Individual

Amos Lim
When you're ready I can add you to the house chat!

Lin Yuxuan
Let me know if you want to join our house chat!

Minen Yeo
This is my first time on this app

Stuart Yong
Generally most of the housemates now are early birds

🏠 House | 🛏 Explore | 💬 Chats | ⚙ Settings

House chats and individual chats are organised into 2 tabs that can be tapped to view a list of house chats or a list of individual chats with homeowners

Chats

🔍 Search Chats

House | Individual

Torieview Mansions Studio Apt...
Emily: Welcome to the house chat!

Katong 6 Room Shophouse
Charles: Generally we allow pets but not dogs becaus..

Aljunied Studio Apartment
You: Thanks guys but I think I will consider before I dec..

🏠 House | 🛏 Explore | 💬 Chats | ⚙ Settings

Design of Main Interface (6/6)

The 'House' Page

User Group 2 — People looking for a house + housemates

User Group 1 — Homeowners looking for housemates

Your House

Bedok 4 Room HDB Apartment
$500 - 800 • East Singapore

Housemates (2/5)

Emily Lim, 23
added on 29 Oct 2020

Sarah Cho, 19
added on 29 Oct 2020

House   Explore   Chats   Settings

View if a user has not been added to a house yet. Once the user has been added to a house, the view is exactly the same as the screen on the left

Button that leads to settings page where homeowners can manage the house listing and manage housemates

Card that when tapped will take the user to a preview of the house's listing

List of housemates that have been added to the house

Your House

You have not been added to a house yet!

Go to 'Explore' to browse listings and chat with house owners to begin your search for a house

House   Explore   Chats   Settings
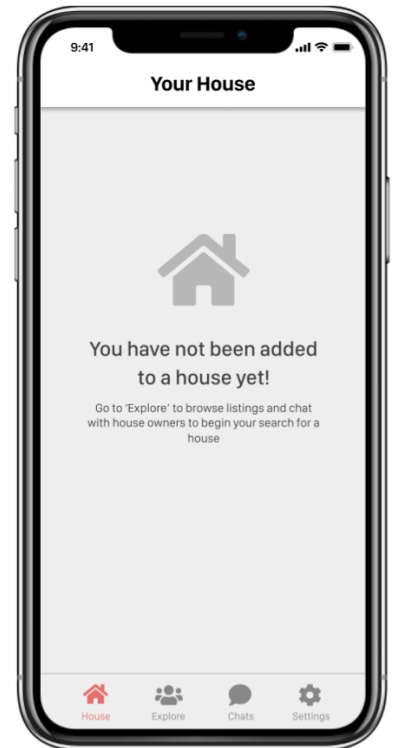
List of Ideas (1/2)

Assumptions Made

There are 2 target main user groups

1) **Group 1** -- Users that already have a house and is looking for housemates to share the cost of the house that they rented from someone else, or profit from renting the house that they own

2) **Group 2** -- Users looking for a house

Generally, millennials looking for a house in Singapore will likely not be interested in sharing a single room with another person, as rooms in Singapore apartments are limited in size. Therefore the application caters to people looking to share a house with the expectation that they will have their own room and the application will focus on the housemates aspect rather than roommates

House Owners' Authority

House owners i.e. people who have rented a house or own a house looking for housemates have main jurisdiction over who should be added to the house, house rules e.g. on smoking, pets etc. and should be the main decider on who should be a housemate in the house or not

User Flow Considerations

- **Separation of Interface for each user group (i.e. 1 and 2)**
  Rationale **—** This is to reduce clutter on the user interface, reduce redundance of features, and users can focus on what they are seeking. E.g. a person looking for roommates who already has a house will not have a tab to look at listings for houses as there is no need for it
  Implementation **—** The separation of the interface can be implemented through the sign-up process, e.g. the application asks if the user already has a house and is looking for housemates, vs does not have a house and is looking for a place to stay with housemates, from this distinguishing question, users will ultimately be brought to a different interface with different functions based on their choices. For flexibility, users should be able to change this choice in their account settings

- **Process of Matching Housemates**
  For a more efficient and optimised housemate matching process, I was inspired by the implementation of matching by dating applications such as Tinder and OkCupid. The basis of being able to form a match is if both parties are interested i.e. interaction between 2 users should only be facilitated if there is interest expressed from both parties.

List of Ideas (2/2)

Feature Considerations

- **A "House" Tab** which enables users to see the house they have been added to/house that they have listed, along with the housemates that have been added to the house

- **A "House" Group Chat**
  It is important for potential housemates to get to know each other, the Group Chat feature enables housemates to mutually decide who is suitable to be a housemate etc. A user looking for a house + housemates can be added to multiple group chats first to interact with the house mates and decide which house and housemates they prefer the most, and can be sent multiple offers to be added to a house, from which they can decide

- **Unique Preferences**
  For millennials, things like horoscopes, personality types, and political view matter a lot to some, similar to the dating application OkCupid, the application should allow users to put such fields in their profile, as well as list their housemate preferences when choosing a housemate

  - Possible Questions to Ask

    - Sleeping Habits — Night Owl vs Early bird

    - Pets or no pets? + Exceptions i.e. all pets but no reptiles

    - Extroverted vs Introverted

    - Dietary habits — Vegan, Vegetarian, No Pork, No restrictions

    - Noise Tolerance — Don't mind any noise at all, prefers peace and quiet

    - MBTI Types — INFP, ENFP

    - Smoking vs Non-smoking

- **General Preferences**
  For most applications related to accommodation e.g. Airbnb, Agado, ProprtyGuru, have listings that feature ameneties available at the residence e.g. Gyms, Pools, BBQ pits, etc. Users should be able to indicate ameneties they feel are essential to their future residence

Sketches (1/2)

General User Flow for Target Group 1

Note
Target Group 1 = Users who have a house and are looking for housemates

1 — User (House owner) has completed sign up and listed house and is looking for housemates

2 —

Hello my name is Brian

User (House owner) will be brought to page where they can look through cards of user profiles and indicate interest in a user if they feel like the person is a potential good housemate. <u>Note: only profiles that match the house preferences and rental budget will be shown to the user</u>

3b → User in profile does not interest in the house, therefore there will be no interaction between user and user in profile as there is no match

3a —

MATCH

User indicates interest in user in profile AND user in profile has indicated interest in the house on their end, the 2 users will be matched

4 —

Brian

ADD TO HOUSE CHAT

Once users are matched, a chat will be initiated where the User (house owner) can decide if they are suitable, and can add the matched user into the house chat to be introduced to the other housemates already in the house chat

5b → User (house owner) does not find the user suitable to be a housemate, and nothing happens after the chat interaction

5a —

House Chat ⚙

The user (house owner) has decided to add the matched user into the house chat, which is a group chat amongst housemates already added to the house + matched users that are still awaiting to be added to the house
From here, existing housemates as well as the user (house owner) can decide if pending housemates are suitable to be added to the house officially or not

6b → User (house owner) + existing housemates do not find the user suitable to be a housemate, and pending housemate is removed from the housechat, and there will be no further interaction

6a —

Brian

INVITE TO HOUSE

User (house owner) + existing housemates find the user suitable to be a housemate, and the user (house owner) can send an invitation to the user to be invited to the house, from the house chat interface

7 → From this step on, it is up to the pending housemate to accept or reject the invitation to be added to the house

Sketches (2/2)

General User Flow for Target Group 2

1

User has completed sign up and has stated preferences and is looking for a house + housemates

2

User will be brought to page where they can

- Look through cards of potential houses that they like
- Search and filter through the listings
- Bookmark listings they like
- Tap on listings to indicate interest

3

Upon tapping on a listing user can choose if they want to indicate interest/contact the owner to see if they are suitable for the house

CONTACT OWNER

4b

If user indicates interest but the house owner does not indicate interest in the user, there will be no interaction

4a

MATCH

If the user indicates interest and the house owner has indicated interest in their profile, the user and the house owner will be matched

5

Brian

ACCEPT INVITATION

Once users are matched, a chat will be initiated where the house owner can decide if the user is suitable. If the user is suitable, the house owner will send an invitation to the user to be added to the house chat which the user can accept or reject

6b

House owner does not find the user suitable to be a housemate, and noting happens after the chat interaction

6a

House Chat

The house owner has decided to add the matched user into the house chat, which is a group chat amongst housemates already added to the house + matched users that are still awaiting to be added to the house
From here, existing housemates as well as the house owner can decide if the user is suitable to be added to the house officially or not

7b

House owner + existing housemates do not find the user suitable to be a housemate, and user is removed from the house chat, and there will be no further interaction

7a

House Chat

YOU HAVE BEEN INVITED TO THE HOUSE, ACCEPT OR REJECT

House owner + existing housemates find the user suitable to be a housemate, and the user is sent an invitation to be added to the house (by the house owner) which the user can decide to accept or reject.

If the user accepts, they will be removed from all their other house chats as they have already secured a place.

If the user rejects, they will still remain in the house chat

P.S. I used a software to do sketches as my handwriting and drawing are terrible