

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	27 June 2025
Team ID	LTVIP2025TMID20380
Project Title	HouseHunt: Finding Your Perfect Rental Home
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template

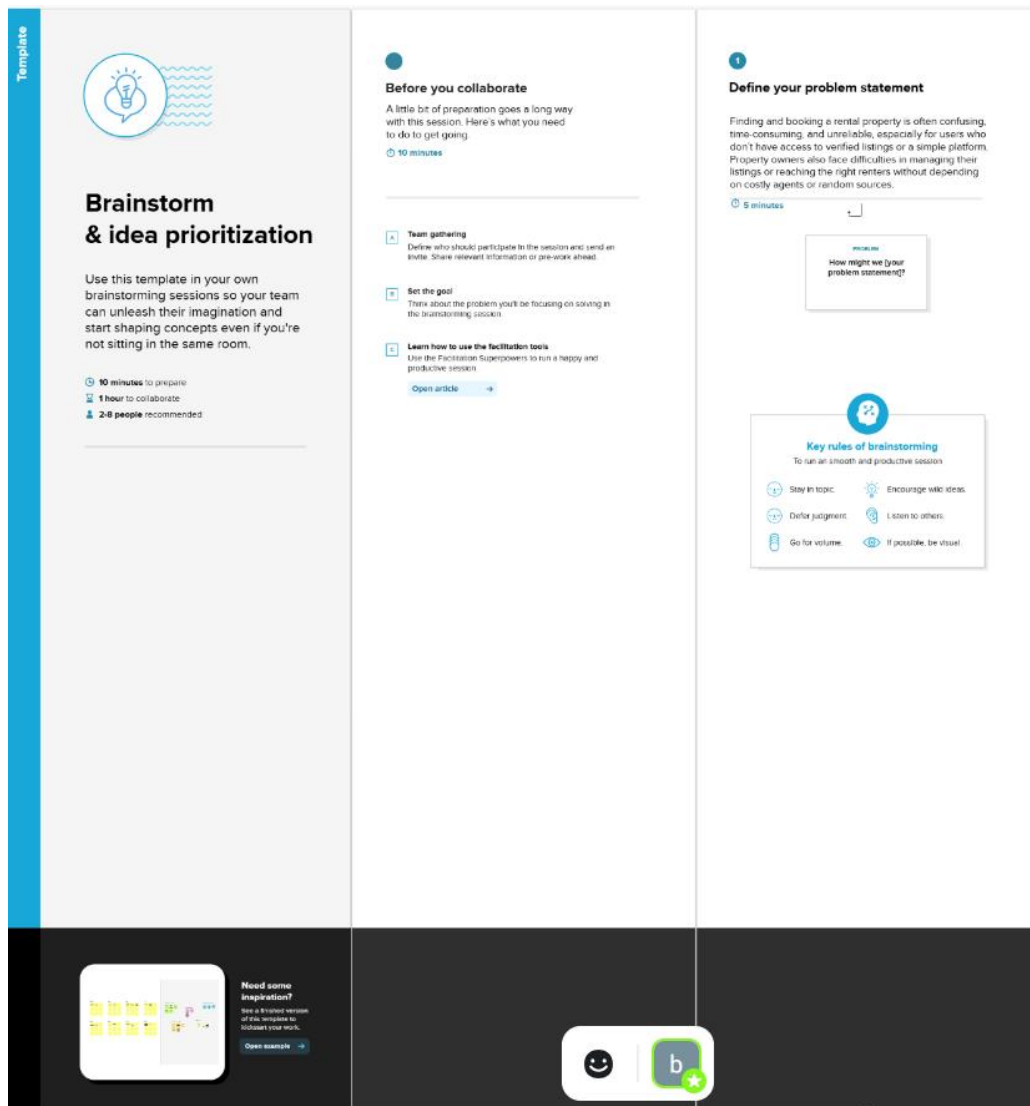
Project Title: *House Hunt – Finding Your Perfect Rental Home*

Step 1: Team Gathering and Problem Statement Selection

The team came together with a mix of frontend, backend, and design skills. We discussed real-life challenges in finding rental homes and decided to build a platform that helps people easily search for and find rental properties.

✓ Final Problem Statement:

“To create a web application that helps users find rental homes based on location, budget, and preferences.”



Step 2: Brainstorming Ideas and Grouping

We listed as many ideas as possible—no filtering, just creative thinking. Then, we grouped the ideas into four main categories:

Feature Ideas:

1. Search and Filters

- Search by city or area
- Filters for price, number of rooms, pet-friendly, etc.

2. User Features

- Login and register
- Contact property owner

3. Admin Features

- Admin login

- Add, edit, or remove property listings

4. Future Ideas

- Email alerts for new listings
- Virtual property tours
- Chat with landlords
- AI-based recommendations

2 Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

TIP You can select a sticky note and hit the pinch (swipe to zoom) icon to start drawing!

- 1. Create role-based dashboards**
Separate panels for users (renters), owners, and admins to keep things organized and secure.
- 2. Add image upload for properties**
Allow owners to upload clear images of their properties so users can view them before booking.
- 3. Use search and filter options**
Enable users to search by location, property type, rent/sale, and availability to save time.
- 4. Owner approval by admin**
Only allow verified and approved owners to list properties, to prevent scams or fake listings.
- 5. Booking feature with form submission**
Let renters book properties by filling out a simple form and sending details to owners.
- 6. Booking history tracking**
Allow users and owners to view booking records, dates, and current status.
- 7. Use JWT-based login system**
Secure login and authentication using tokens to ensure user data privacy.
- 8. Build a clean and mobile-friendly UI**
Design a simple, clutter-free website that works well on both mobile and desktop devices.

3 Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

20 minutes

TIP Add custom labels to sticky notes to make it easier to find, browse, organize, and compare related ideas as they're added to your map.

- User Experience & Interface
- Build a clean and mobile-friendly UI
- Add search and filter options
- Allow users to view booking history
- Show images of properties clearly
- Cluster Label: "Make the platform simple and useful"
- Cluster 2: Security & Trust
- These ideas ensure users can trust the platform and avoid scams.
- Admin approval for owners before listing
- Cluster Label: "Build user trust and data safety"
- JWT-based login and authentication system
- Cluster 3: Functional Features
- Separate dashboards for user, owner, admin
- Property booking form and status tracking
- Cluster Label: "Core features for booking and managing"

Step 3: Idea Prioritization

We used simple categories: **Must Have**, **Nice to Have**, and **Future Features**.

Must Have (for Version 1.0)

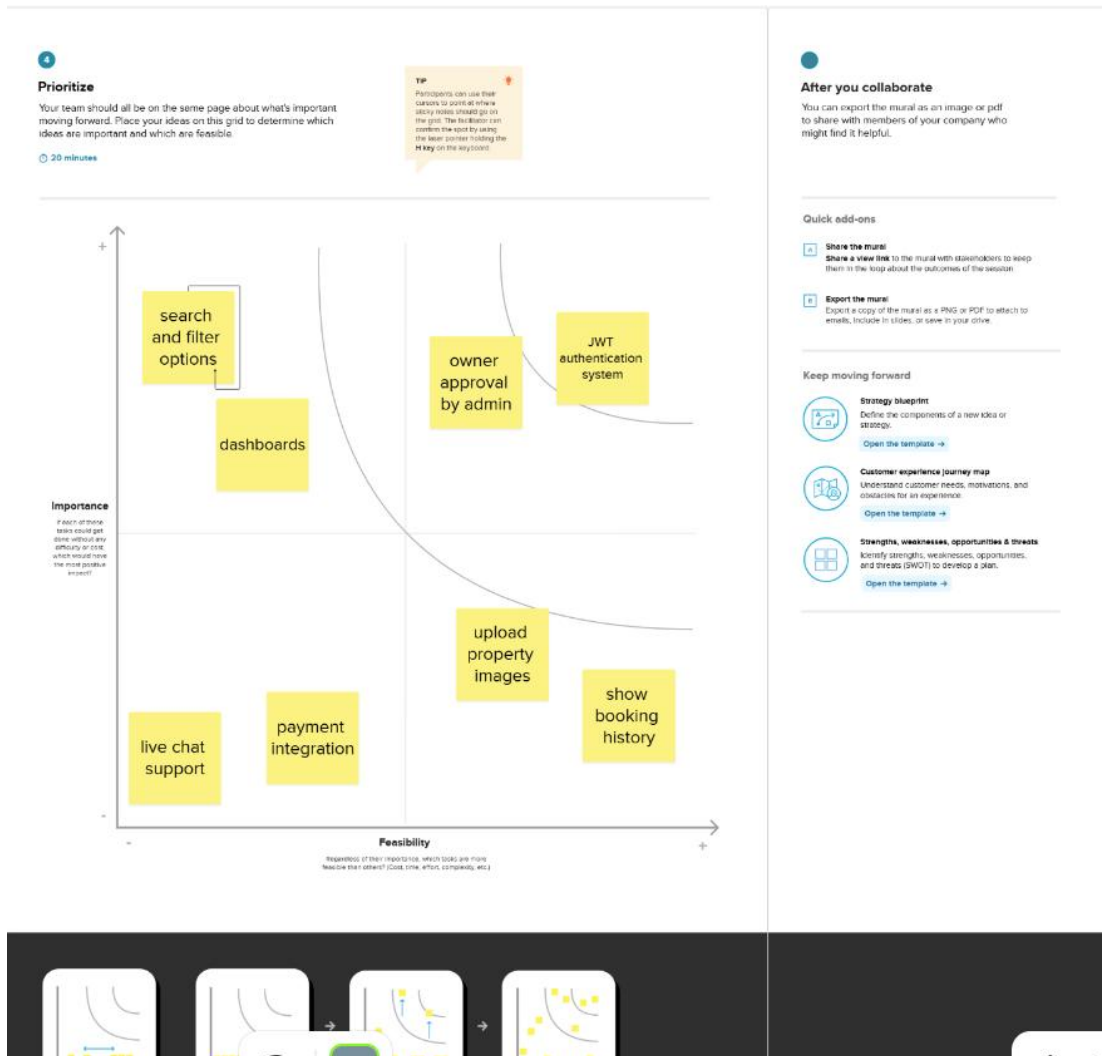
- Property search with filters
- Property details page
- User login & registration
- Admin dashboard for listings

Nice to Have

- Contact owner button
- Responsive mobile design

Future Features

- Email alerts for new listings
- Virtual property tours
- Chat with landlords
- AI recommendations



✓ Summary

The team used brainstorming to come up with many creative ideas. We then picked the most important features to build first. The rest will be added in later updates. This approach helps keep the project focused and achievable