

Ideation Phase Brainstorm & Idea Prioritization Template

Date	
Team ID	PNT2025TMID09657
Project Name	Rentease-HOUSE RENT APP USING MERN
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

In the early stages of building **Rentease a House Rent Management Web Application**, it is essential to engage in structured brainstorming to generate diverse ideas, followed by an effective prioritization strategy to ensure we focus on high-impact, feasible features first.

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Team Gathering: 4 group members divided task for project.

Team Collaboration Tools:

Communication Platform: WhatsApp / telegram

Code Collaboration Tool: GitHub (Repositories)

Meeting Frequency : Twice a week (online via Google Meet)

Problem Statement:

Finding rental housing is often a time-consuming and inefficient process for tenants, while property owners face challenges in listing and managing their properties on outdated or untrustworthy platforms. There is lack of a centralized, user-friendly, and secure platform for renters and owners can connect seamlessly with transparent communication and verified listings.

This project aims to develop a web-based House Rent Management System using the MERN stack (MongoDB, Express.js, React.js, Node.js) to solve these problems by offering:

- Renter-friendly features like smart filtering, easy booking, and user reviews
- Owner tools for listing properties, managing availability, and tracking bookings
- Admin dashboard for verification, monitoring, and platform control
- Secure login/authentication for all users with role-based access

Step-2: Brainstorm, Idea Listing and Grouping :

Idea Listing :

- Role-based dashboard: Renter / Owner / Admin
- Property search with filters: location, price, type, availability Property detail page with photos, description, map integration
- Booking system with date selection and confirmation
- Owner & Renter profile management
- Property suggestion based on user preferences.

Grouping :

Project Name: RentEase

Total Members : 4

- Member 1 – Frontend Developer (React)
- Member 2 – Backend Developer (Node.js + Express)
- Member 3 – Database & Deployment (MongoDB, Atlas, GitHub)
- Member 4 – UI/UX Design & Documentation.

Step-3: Idea Prioritization :

