Project Design Phase-I
Proposed Solution Template

Date	25 June 2024
Team ID	SWTID1720064122
Project Name	House Hunt App using MERN
Maximum Marks	3 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Finding rental properties can be time-consuming and inefficient. Renters face challenges like lack of transparency, difficulty in contacting landlords, and cumbersome paperwork. Landlords struggle with managing property listings and verifying potential tenants. There is a need for a streamlined, user-friendly platform to connect renters and landlords efficiently.
2.	Idea / Solution description	The proposed solution is a house rent app using the MERN stack. The app will provide property listings with detailed descriptions, photos, and rent information. Users can register as renters or owners, search for properties using filters, contact landlords directly, and complete booking and lease agreements within the app. Admins will oversee the platform to ensure compliance with policies and handle user approvals.
3.	Novelty / Uniqueness	This app integrates all rental processes into one platform, from searching properties to finalizing lease agreements. It uses real-time data exchange and secure transactions to enhance user experience. The integration of messaging for direct communication and admin oversight for platform governance adds layers of reliability and trust.
4.	Social Impact / Customer Satisfaction	The app simplifies the rental process, saving time and effort for renters and landlords. It promotes transparency and trust by providing detailed property information and secure communication channels. The app's ease of use and efficiency can lead to higher customer satisfaction and improved access to rental properties.

5.	Business Model (Revenue Model)	Revenue can be generated through subscription fees for premium listings, service fees for successful bookings, and advertisements. Property owners can pay for featured listings to increase visibility. Additionally, partnerships with moving services and home insurance providers can open up new revenue streams.
6.	Scalability of the Solution	The app is designed to be scalable with a robust technical architecture. MongoDB allows for efficient data handling, while the MERN stack ensures seamless integration and performance. The solution can be expanded to new regions, accommodate more users, and incorporate additional features like rental reviews and neighborhood insights.