**Project Design Phase**

**Proposed Solution Template**

|  |  |
| --- | --- |
| Date | 14 April 2025 |
| Team ID | SWTID1743354369 |
| Project Name | House Rent App Using MERN – House Hunt |
| Maximum Marks | 2 Marks |

**Proposed Solution : House Hunt**

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

| **S.No.** | **Parameter** | **Description** |
| --- | --- | --- |
| 1. | **Problem Statement** | Finding affordable rental houses, verifying property details, and securely connecting landlords with tenants is often time-consuming, unreliable, and unorganized. |
| 2. | **Idea / Solution Description** | HOUSE HUNT is a MERN-based web application that simplifies house renting by offering verified listings, tenant-landlord chat, filter-based search, and user-friendly registration and login systems. It integrates secure authentication and real-time notifications to improve user experience. |
| 3. | **Novelty / Uniqueness** | Unlike traditional listing platforms, HOUSE HUNT incorporates real-time availability status, admin verification of listings, in-app messaging, and smart filters for precise house searching. |
| 4. | **Social Impact / Customer Satisfaction** | The platform ensures safety, transparency, and convenience for both landlords and tenants. It reduces fraud, saves time, and increases trust—especially beneficial for students and working professionals relocating to new cities. |
| 5. | **Business Model (Revenue Model)** | Revenue can be generated through featured property listings, subscription plans for premium users, advertisements, and partnerships with moving services and real estate agents. |
| 6. | **Scalability of the Solution** | The solution is highly scalable due to its modular MERN architecture. It can be extended to support mobile platforms, multiple cities, commercial rentals, and third-party integrations. |