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| **Proposed Solution Template**     |  |  | | --- | --- | | Date | 25 June 2025 | | Team ID | LTVIP2025TMID55102 | | 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. |