**Project Design Phase**

**Proposed Solution Template**

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| Date | 13 April 2025 |
| Team ID | SWTID1743517551 |
| Project Name | HouseRent |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Finding affordable rental homes with verified listings, transparent processes, and secure interactions remains a major challenge for students and working individuals. Landlords also face issues with visibility and tenant verification |
|  | Idea / Solution description | HouseRent is an AI-integrated web platform that allows users to list, browse, and book rental properties easily.  It includes smart search filters, image validation, admin approval, and a secure JWT-based login system. |
|  | Novelty / Uniqueness | Intelligent matching algorithm to show best-fit listings.  Role-based dashboards for tenants, landlords, and admins. |
|  | Social Impact / Customer Satisfaction | Helps to find reliable and verified rental housing. Minimizes scams and misleading listings. Improves trust and accessibility in the rental ecosystem. |
|  | Business Model (Revenue Model) | -Freemium model: Free listings with limited visibility, premium for better reach.  - Featured property promotion.  - Subscription plan for landlords.  - Ad placements and partner property deals. |
|  | Scalability of the Solution | The modular architecture allows future integration with mobile apps, payment gateways, and smart IoT-enabled properties. |