**Project Design Phase**

**Proposed Solution Template**

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| Date | 26-06-2025 |
| Team ID | LTVIP2025TMID59696 |
| Project Name | Shopsmart: your digital grocery store experience |
| Maximum Marks | 2 Marks |

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| **Proposed Solution for ShopSmart App** |
| | **S. No.** | **Parameter** | **Description** | | --- | --- | --- | | 1 | **Problem Statement** (Problem to be solved) | Grocery shoppers often face difficulties such as unavailable items, lack of real-time stock updates, delayed deliveries, and confusing interfaces. Local vendors, on the other hand, struggle to digitize operations and compete with large retail chains. | | 2 | **Idea / Solution Description** | **ShopSmart** is a user-friendly digital grocery platform that connects customers with local stores. It offers features like secure login, smart product search, real-time stock updates, personalized recommendations, vendor dashboards, order tracking, and digital payments. | | 3 | **Novelty / Uniqueness** | - Real-time inventory tracking across local stores  - Location-based product availability  - Vendor-side dashboards with low-stock alerts  - Smart cart suggestions based on user behavior  - Scheduled and live delivery tracking | | 4 | **Social Impact / Customer Satisfaction** | - Empowers small and medium grocery vendors to go digital  - Saves time and effort for customers by reducing in-store visits  - Supports dietary and health-conscious shopping through advanced filters  - Builds trust through order transparency and feedback mechanisms | | 5 | **Business Model (Revenue Model)** | - Freemium model for vendors with basic listing tools  - Subscription model for premium features (analytics, promotions, bulk uploads)  - Commission on each completed order  - Partnerships with logistics providers and local delivery agents | | 6 | **Scalability of the Solution** | - Designed for individual buyers, families, and local vendors  - Scalable architecture using microservices  - Multi-language and multi-currency support for broader regional adoption  - Mobile-first approach with progressive web app and future native app plans | |