**Project Design Phase**

**Proposed Solution Template**

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| Date | 26-06-2025 |
| Team ID | PNT2025TMID09488 |
| Project Name | Groceries Site Using MERN Stack |
| Maximum Marks | 2 Marks |

**Proposed Solution for Freelance Finder**

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| **S. No.** | **Parameter** | **Description** |
| **1** | **Problem Statement** (Problem to be solved) | |  | | --- | |  |  |  | | --- | | Many customers face difficulties in accessing fresh groceries online,  especially from local stores. Sellers lack digital platforms to showcase  products or manage orders efficiently.  There is a need for a unified and user-friendly grocery ordering system  with secure payments and streamlined delivery. | |
| **2** | **Idea / Solution Description** | The **Grocery Web App** is a full-stack web application (Angular frontend + Node.js backend) allowing users to browse groceries, manage carts, and securely checkout. Sellers can add/update products, manage stock, and fulfill orders. Admins monitor user activity, disputes, and performance. |
| **3** | **Novelty / Uniqueness** | - Category-wise product browsing and smart filters  - Real-time cart and stock updates  - Role-based login (User, Seller, Admin)  - Order history & delivery tracking  - Secure payment module integration (e.g., Razorpay) |
| **4** | **Social Impact / Customer Satisfaction** | - Makes fresh groceries accessible from local vendors, even in rural/urban fringe areas  - Saves time and effort with doorstep delivery  - Enhances digital adoption for small shopkeepers  - Easy-to-use UI improves satisfaction |
| **5** | **Business Model (Revenue Model)** | - Commission per order from sellers  - Freemium model for sellers (basic listing free, premium plans for top placement)  - Advertisement slots for brands and local stores  - Delivery charges or subscriptions for end users |
| **6** | **Scalability of the Solution** | |  | | --- | |  |  |  | | --- | | - Expandable to different cities/states with multi-vendor support  - Mobile responsive; future native app via Angular + Capacitor  - Modular architecture allows integration of voice search, AI product  recommendations, and location-based delivery | |