**Project Design Phase**

**Proposed Solution Template**

| Date | 16 April 2025 |
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| Team ID | SWTID1743513717 |
| Project Name | SB Foods – MERN Stack Food Ordering Web App |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

| **S.No.** | **Parameter** | **Description** |
| --- | --- | --- |
| 1 | Problem Statement (Problem to be solved) | Many students and working professionals, especially in small towns and college campuses, find it difficult to access hygienic, affordable, and available food options during late-night hours. Existing food delivery apps often have limited availability or are too complex for quick use. |
| 2 | Idea / Solution description | SB Foods is a full-stack food ordering web application developed using the MERN stack (MongoDB, Express.js, React.js, and Node.js). The app allows users to browse categorized food items, search dishes, add them to a cart, and place an order using a responsive and user-friendly interface. It includes simulated payment and order history features. |
| 3 | Novelty / Uniqueness | Unlike many food apps, SB Foods focuses on night-time accessibility, simplicity in UI, and local vendor onboarding (can be scaled later). It offers a fast and minimalistic design tailored for quick food ordering with minimal clicks. |
| 4 | Social Impact / Customer Satisfaction | This project directly improves food accessibility for night-time users like college students, hostel residents, and night shift workers. It enhances convenience, reduces dependency on unsafe or unhygienic alternatives, and can empower small food vendors through digital listing. |
| 5 | Business Model (Revenue Model) | Revenue can be generated through: (1) Commission on orders from partnered restaurants, (2) Featured listings/promotions, (3) Subscription model for premium delivery service or discounts, and (4) Local ads for food outlets. |
| 6 | Scalability of the Solution | The project is built on a modular and scalable stack. It can support additional vendors, cities, and even an admin panel. Future upgrades can include real payment gateway integration, order tracking, and mobile app development. |