**Project Design Phase**

**Proposed Solution Template**

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| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID59601 |
| Project Name | OrderOnTheGo: Your On-Demand Food Ordering Solution |
| 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** |
| 1. | Problem Statement (Problem to be solved) | The proposed solution aims to solve the problem of connecting customers with local restaurants for efficient food ordering and delivery. It provides a platform for users to easily view menus, place orders, and track their delivery, while also offering restaurants a system to manage their orders and menus. |
| 2. | Idea / Solution description | The solution is a comprehensive food delivery application with three main user roles: customer, restaurant owner, and admin. Customers can register and log in to view menus, add items to a cart, place and track orders, and provide feedback. Restaurant owners can register and manage their restaurant details, menus, and track order statuses. The admin has a dashboard to manage users, approve restaurants, manage categories, and generate reports on orders and restaurant performance. The application uses a Node.js backend with a React.js frontend. |
| 3. | Novelty / Uniqueness | The solution provides a streamlined experience for customers, restaurant owners, and administrators on a single platform. A key feature is the comprehensive admin dashboard, which allows for robust reporting on order trends, top restaurants, and category popularity. |
| 4. | Social Impact / Customer Satisfaction | The solution enhances customer satisfaction by providing a convenient way to access a variety of food options with real-time order tracking. It also helps restaurants expand their customer base and manage their operations more efficiently. |
| 5. | Business Model (Revenue Model) | The primary business model is commission-based, where the platform takes a percentage of each order from the restaurant. Additional revenue can be generated through advertising or promoting restaurants on the platform, which can be managed by the admin |
| 6. | Scalability of the Solution | The application is built on a scalable, multi-tier architecture with a Node.js backend and a MongoDB database. This allows each component to scale independently to handle a high volume of requests. It also supports the use of load balancers and distributed servers to ensure high availability and performance as the user base grows |