**Project Design Phase**

**Problem – Solution Fit**

|  |  |
| --- | --- |
| Date | 26-06-2025 |
| Team ID | LTVIP2025TMID24694 |
| Project Name | OrderOnTheGo |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Overview:**

The **Problem–Solution Fit** ensures that *OrderOnTheGo* addresses key gaps in the local food delivery experience and aligns with the real needs of both **customers** and **restaurant owners**. This validation is essential before scaling the platform or adding advanced features.

**Purpose:**

* Bridge the gap between **local customers** and **undiscovered restaurants** through a unified digital platform.
* Offer a **simple, seamless food ordering experience** with cart, order tracking, and real-time updates.
* Provide a **restaurant dashboard** for easy product management and order handling.
* Give **admins control** to promote restaurants and maintain platform quality.
* Empower small/local restaurants with **tech access** and digital visibility without high platform fees.

**Problem Statement:**

Many customers and small restaurant owners face challenges such as:

* **Limited visibility** of local eateries on major delivery platforms
* **Lack of a tailored platform** for smaller towns, hostels, and campuses
* **Complex or outdated interfaces** in existing apps
* **High platform commissions** that discourage small restaurants from going online
* **No simple dashboard** for restaurants to manage menus and orders
* **Lack of control** for admins to monitor or promote restaurants based on performance

**Solution:**

**OrderOnTheGo**, a MERN-stack food ordering platform, offers:

* A responsive, modern **user interface** for easy restaurant discovery and food ordering
* **User and restaurant authentication**, along with role-based dashboards
* A **restaurant dashboard** to add/edit/delete products and manage live orders
* A **cart-based order flow** with real-time tracking of placed orders
* **Admin features** for viewing all restaurants, tracking user activity, and promoting vendors
* A **low-cost or commission-free model** to support small food businesses
* Potential for **rating, review, and future delivery integration** in upcoming versions