**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

| Date | 26-06-2025 |
| --- | --- |
| Team ID | LTVIP2025TMID58389 |
| Project Name | Order on the go |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Functional Requirements – Food Ordering App**

| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| --- | --- | --- |
| **FR-1** | **User Authentication** | Sign up, Login, Password Reset   |  | | --- | |
| **FR-2** | **Dish Browsing & Discovery** | Search by cuisine, price, restaurant |
|  |  | Apply filters and sorting options |
| **FR-3** | **Order Placement** | Add dishes to cart  Place order with name, address, and payment option |
|  |  | View order summary before finalizing |
| **FR-4** | **Payment Integration** | Cash on Delivery (COD)  UPI, Card, and Net Banking payments |
| **FR-5** | **Order Confirmation** | Receive instant confirmation message and digital receipt |
| **FR-6** | **Order Tracking** | Real-time status updates on order progress |
| **FR-7** | **Restaurant Dashboard** | View orders, update menu, track sales |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

| **NFR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
| **NFR-1** | **Usability** | | Intuitive and responsive design across devices for a seamless user  experience | | --- | |
| **NFR-2** | **Security** | | Secure login, encrypted payment gateways, and user data protection | | --- | |
| **NFR-3** | **Reliability** | | | The system should function with minimal downtime and consistent performance | | --- | | | --- | --- | |
| **NFR-4** | **Performance** | Fast loading time and efficient handling of user actions |
| **NFR-5** | **Availability** | | System should be available 24/7 for users to access anytime | | --- | |
| **NFR-6** | **Scalability** | | Able to support growth in number of users, restaurants, and orders | | --- | |