**Project Design Phase-II**

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

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| --- | --- |
| Date | 26-06-2025 |
| Team ID | LTVIP2025TMID59421 |
| Project Name | OrderOnTheGo: Your On-Demand Food Ordering Solution |
| 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   |  | | --- | |  | |
|  |  | |  | | --- | |  |  |  | | --- | | Auth login using Google / GitHub | |
| **FR-2** | |  | | --- | | **Order Placement** |  |  | | --- | |  | | Search restaurants by cuisine, location, and open hours |
|  |  | Place, modify, or cancel food orders |
| **FR-3** | |  | | --- | | **Restaurant & Schedule**  **Management** |  |  | | --- | |  | | Restaurants accept or reject orders  Manage menu and availability |
|  |  | View current and past orders |
| **FR-4** | **Notifications & Reminders** | Automated SMS/email notifications for order status and delivery updates |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **NFR No.** | **Non-Functional Requirement** | **Description** |
| **NFR-1** | **Usability** | |  | | --- | | The platform should provide a simple, clean UI for all users, including customers and restaurant owners. | |
| **NFR-2** | **Security** | |  | | --- | | All user, order, and payment data must be encrypted. Implement role-based access and secure authentication. | |
| **NFR-3** | **Reliability** | |  |  | | --- | --- | | |  | | --- | | Order placement, payment, and delivery tracking services must be available and dependable at all times. | | |
| **NFR-4** | **Performance** | Pages and ordering actions should load within 2 seconds; notifications and order status updates should be timely. |
| **NFR-5** | **Availability** | |  | | --- | | The system should ensure 99.9% uptime with minimal downtime. | |
| **NFR-6** | **Scalability** | |  | | --- | | Support a growing number of users, restaurants, and concurrent orders without performance degradation | |