**Project Design Phase-II**

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

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| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID44462 |
| Project Name | OrderOnTheGo: Your On-Demand Food Ordering Solution |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Login | Login via Email & Password  - Login via Gmail/Facebook  - Session management (Remember Me, Auto-login) |
| FR-4 | Dashboard& Food Browsing | - Browse restaurants by location  - Filter by food category  - View ratings & reviews |
| FR-5 | Order Placement | - Add food to cart  - Apply promo codes  - Confirm order & pay |
| FR-6 | Order Tracking | - Live tracking with ETA  - Order status notifications |

**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | The app should provide a clean, intuitive UI with easy navigation, especially for first-time users, ensuring quick food ordering in under 3 clicks. |
| NFR-2 | **Security** | User data, login credentials, and payment information must be encrypted and securely stored; ensure secure APIs and two-factor authentication. |
| NFR-3 | **Reliability** | The application must consistently perform its intended functions without failure. Orders and payments should not get dropped or stuck. |
| NFR-4 | **Performance** | App must respond within 2 seconds for key operations like loading menus or placing orders, even during peak usage. |
| NFR-5 | **Availability** | The service should be accessible 99.9% of the time with minimal downtime, ensuring users can order food anytime. |
| NFR-6 | **Scalability** | The system should be able to scale up to support multiple campuses, cities, and thousands of users simultaneously without degrading performance. |