**Project Design Phase-II**

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

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| --- | --- |
| Date | 26-05-2025 |
| Team ID | LTVIP2025TMID24694 |
| Project Name | OrderOnTheGo |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Functional Requirements – Music Streaming App**

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| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Authentication | Sign up, Login, Logout, Password Reset |
|  |  | JWT token-based secure access |
| FR-2 | Restaurant & Product Discovery | View promoted and regular restaurants |
|  |  | Search and filter food products |
| FR-3 | Cart & Order Management | Add/remove products to/from cart |
|  |  | Place order and track order status |
| FR-4 | Restaurant Dashboard | Login and manage products |
|  |  | Update order status |
| FR-5 | Admin Dashboard | View all restaurants and users |
|  |  | Promote restaurants |
| FR-6 | Order History & Review | View previous orders |
|  |  | Post-delivery review system (optional) |

**Non-functional Requirements:**

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

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| --- | --- | --- |
| **NFR**  **No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | Usability | Intuitive UI for all roles (User, Restaurant, Admin) with responsive layout |
| NFR-2 | Security | Encrypted communication (HTTPS), JWT auth, rolebased access control |
| NFR-3 | Reliability | Ensure cart operations, ordering, and logins function smoothly under all loads |
| NFR-4 | Performance | Load homepage, menu, and cart within 2 seconds; order actions near-instant |
| NFR-5 | Availability | Maintain 99.9% uptime on backend and frontend services |
| NFR-6 | Scalability | Architecture should support adding features like delivery tracking, reviews |