**Requirement Gathering and Analysis Phase**

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

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| Date | 7 July 2024 |
| Team ID | SWTID1720171927 |
| Project Name | SB Foods - Food Ordering App |
| Maximum Marks | 2 |

**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 G-mail |
| FR-2 | User Confirmation | Confirmation via Email |
|  |  | Confirmation via OTP |
| FR-3 | User Login | Login with Email and Password |
|  |  | Login with G-mail |
| FR-4 | User Profile Management | View Profile |
|  |  | Edit Profile |
|  |  | Change Password |
| FR-5 | Menu Browsing | View Menu Categories |
|  |  | View Menu Items |
|  |  | Search Menu Items |
| FR-6 | Food Ordering | Add Items to Cart |
|  |  | View Cart |
|  |  | Update Cart |
|  |  | Place Order |
| FR-7 | Payment Processing | Choose Payment Method |
|  |  | Process Payment (Stripe, PayPal) |
| FR-8 | Order Tracking | View Order Status |
|  |  | Track Delivery |
| FR-9 | Notifications\* | Order Confirmation Notification |
|  |  | Order Status Updates (SMS, Email) |
| FR-10 | Reviews and Ratings\* | Rate and Review Orders |
|  |  | View Reviews and Ratings |
| FR-11 | Customer Support\* | Contact Support |
|  |  | View FAQs |
| FR-12 | Admin Management | Manage Users |
|  |  | Manage Menu Items |
|  |  | View Reports |

**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 | Performance | The system should respond to user actions within 2 seconds. |
| NFR-2 | Scalability | The system should be able to handle 10,000 concurrent users. |
| NFR-3 | Security | User data must be encrypted in transit and at rest. |
| NFR-4 | Reliability | The system should have an uptime of 99.9%. |
| NFR-5 | Usability | The application should be easy to use with a user-friendly interface. |
| NFR-6 | Compatibility | The application should work on all major browsers and mobile devices. |
| NFR-7 | Maintainability | The system should be easy to maintain and update with minimal downtime. |
| NFR-8 | Data Consistency | The system should ensure data consistency across different modules. |
| NFR-19 | Disaster Recovery | The system should have a disaster recovery plan with data backups. |