

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

|               |                       |
|---------------|-----------------------|
| Date          | 06 March 2025         |
| Team ID       | SWTID1741287002153639 |
| Project Name  | Recipe book           |
| Maximum Marks | 4 Marks               |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task)  |
|--------|-------------------------------|---|
| FR-1   | Frontend Interface            | Interactive and responsive UI<br>Recipe search functionality<br>Display recipe lists and detailed views<br>User-friendly navigation |
| FR-2   | Recipe Management             | Search for recipes based on ingredients   |
|        |                               | View detailed recipe instructions   |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description   |
|--------|----------------------------|---|
| NFR-1  | <b>Usability</b>           | The app should have an intuitive and user-friendly interface, ensuring smoothness.                |
| NFR-2  | <b>Security</b>            | API Requests must be secured. The app should prevent unauthorized use .                           |
| NFR-3  | <b>Reliability</b>         | The app should ensure a consistent and uninterrupted experience, minimizing crashes and downtime. |
| NFR-4  | <b>Performance</b>         | Recipe search results should be displayed within 2 seconds.                                       |