

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

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| Date | 06 March 2025 |
| Team ID | SWTID174124322158754 |
| Project Name | Recipe book |
| Maximum Marks | 4 Marks |
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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 Recipe search functionality Display recipe lists and detailed views 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 | Usability | The app should have an intuitive and user-friendly interface, ensuring smoothness. |
| NFR-2 | Security | API Requests must be secured. The app should prevent unauthorized use . |
| NFR-3 | Reliability | The app should ensure a consistent and uninterrupted experience, minimizing crashes and downtime. |
| NFR-4 | Performance | Recipe search results should be displayed within 2 seconds. |