# Project Design Phase-II
## Technology Stack (Architecture & Stack)

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|---|---|
| Date | 6 March 3035 |
| Team ID | SWTID1741282754158137 |
| Project Name | Recipe app |
| Maximum Marks | 4 Marks |

**Technical Architecture:**

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

**Table-1 : Components & Technologies:**

| S.No | Component | Description | Technology |
|---|---|---|---|
| 1. | User Interface | Recipe listing, search, and user interactions | HTML, CSS, React.js, Bootstrap |
| 2. | Application Logic | Managing recipe data, user login, and registration forms | React.js, JavaScript |
| 3. | External API Integration | Fetching recipe information and nutrition data | ThemealsDB API |
| 4. | UI Design | Responsive and interactive layout | Bootstrap, CSS Grid, Flexbox |

**Table-2: Application Characteristics:**

| S.No | Characteristics | Description | Technology |
|---|---|---|---|
| 1. | Open-Source Frameworks | F Frontend frameworks for UI development | React.js, Node.js, Axios |
| 2. | Scalable Architecture | Securing API calls and access controls | HTTPS, API key authentication (RapidAPI) |