

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

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Date	6 March 3035
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Project Name	Recipe app
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Technical Architecture.

Technical Architecture

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2 Table-1 :

Table-1 Components & Technologies

S.No	Component	Description	Technology
4.	UI Design	Responsive and interactive layout	Bootstrap, CSS Grid, Flexbox

Table-2 Application Characteristics

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