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

Date	6 March 3035
Team ID	SWTID1741259128153766
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)