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

Date	6 March 2025
Team ID	SWTID1741165381147166
Project Name	Technology Stack (Architecture & Stack)
Team Leader	SHERLIN S
Team member	PAVITHRA M
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Maximum Marks	4 Marks

Technical Architecture:

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

S.No	Component	Description	Technology
1.	User Interface	How user interacts with application	ReactJS, CSS, React Fa icons
2.	Application Logic-1	Logic for fetching and displaying data	JavaScript, ReactJS
3.	Application Logic-2	API requests handling and error handling	Axios for HTTP requests
4.	External API-1	Fetching ExerciseDB data	ExerciseDB API (via RapidAPI)

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	ReactJS, Axios
2.	Security Implementations	Securing API calls and access controls	HTTPS, API key authentication (RapidAPI)