**Project Design Phase-II**

**Technology Stack (Architecture & Stack)**

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| Date | 2nd March 2025 |
| Team ID | 149610 |
| Project Name | Fitflex |
| Maximum Marks | 4 Marks |
| Team Leader | K.Varsha  (Email id: varshasathya2206@gmail.com ) |
| Team Members | 1. K.Varsha   (Email id: varshasathya2206@gmail.com )   1. V.Jenifer   (Email id:  Jenifervasudevan29@gmail.com )   1. S.Kavitha   (Email id:  kavitha1607@gmail.com)   1. V.Saraswathi   (Email id:  saraswathisaraswathi55840@gmail.com) |
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**Technical Architecture:**

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

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

**Table-2: Application Characteristics:**

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