

Project Design Phase Solution Architecture

Date 6 March 2025
Team ID SWTID1741149301
Project Name
Maximum Marks 4 Marks
Team Leader K HARINI
Team member : A Farshana Begum
Team member : Fairoze Z
Team member G BOWIYA
Solution Architecture:

The solution architecture for the Fitness Web Application ensures a scalable, efficient, and user-friendly platform for discovering and accessing exercise routines based on body parts and equipment.

Goals of the Solution Architecture:

- Identify the Best Tech Solution: Utilize modern front-end frameworks and APIs to provide a seamless fitness discovery experience.
- Define Structure & Characteristics: Ensure modular, scalable, and maintainable software architecture for future enhancements.
- Outline Features & Development Phases: Clearly structure project milestones for effective development and deployment.
- Establish Specifications for Development & Delivery: Provide well-defined guidelines for the system's architecture, API integration, and data flow.

