

Project Design Phase Proposed Solution Template

Date	6 March 2025
Team ID	SW TID1741163779147787
Project Name	FitFLex
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
	Problem Statement (Problem to be solved)	Many users struggle to find structured, easy-to-follow workout plans tailored to their needs (body parts, available equipment). Existing resources are either scattered, unstructured, or behind paywalls.
	Idea / Solution description	A React.js-based fitness web application that allows users to discover exercises categorized by body parts and equipment. The application integrates with ExerciseDB API to provide real-time workout information, images, and descriptions.
	Novelty / Uniqueness	Free and structured access to categorized workouts.