

**Project Design Phase
Proposed Solution Template**

Date	6 March 2025
Team ID	SWTID1741175006150286
Project Name	FitFlex
Maximum Marks	2 Marks
Team Members	<p>MAHALAKSHMI . S Maga51652@gmail.com</p> <p>KAVYA . G kavyagopi25@gmail.com</p> <p>VARSHA . R varsharsv2304@gmail.com</p> <p>SANTHIYA . M santhiyasanty1006@gmail.com</p> <p>SARANGA THARA . K kumarchaaru@gmail.com</p>

Proposed Solution Template:

S.No.	Parameter	Description
1.	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.
2.	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.
3.	Novelty / Uniqueness	Free and structured access to categorized workouts.