

# Synopsis

## Project Synopsis

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Class: SY BSC-IT

Project Title: Gym Website

Client Name: FitnessHub

Client

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### Introduction:

The Fitness Hub Website is a web-based application designed to enhance user engagement and provide essential information about a fitness centre. This platform enables users to explore facilities, access workout plans, book appointments, and get details about trainers and membership options.

Built using HTML, CSS, and JavaScript, the website ensures a responsive and visually appealing experience for users.

### Objectives:

- Provide a user-friendly platform for managing gym-related activities.
- Facilitate seamless communication between gym members and administrators.
- Display membership plans, trainer details, and gym services effectively.
- Ensure data security and privacy using modern web technologies. - Enable mobile-friendly access for better user experience.

### Problem Faced in the Current System:

Most fitness centre operate manually, using registers or physical brochures for membership management. There is no central online system for users to get information, resulting in reduced engagement and inconvenience for potential members.

### Scope:

This web application can be utilized by gym owners, trainers, and fitness enthusiasts to streamline gym-related processes. It allows users to explore gym facilities, check workout programs, submit membership inquiries and book personal training sessions online.

### Current System:

The traditional fitness centre relies on physical records and word-of-mouth promotion, making information accessibility inefficient. Users have to visit the gym for inquiries, which is time-consuming. There is no centralized system for real-time updates and membership tracking.

### Proposed System:

The website is an automated web-based solution designed using HTML, CSS, and JavaScript.

It offers:

- A homepage displaying gym facilities and services.
- Trainer profiles with specialization details.
- Membership plans with pricing and benefits.
- Contact and inquiry forms for user engagement.
- Responsive design for easy accessibility across devices.

This system enhances transparency, reduces manual effort, and improves user engagement.

### Software Requirements:

- Operating System: Windows / Linux / macOS
- Programming Languages: HTML, CSS, JavaScript - Tools: Visual Studio Code or any preferred IDE

### Hardware Requirements:

- Memory: Minimum 2 GB RAM
- Hard Disk: Minimum 500 MB of free space
- Processor: Minimum 32-bit processor