Gym Management System – Project Report

📌 Introduction

This Gym Management System is a web-based platform designed to streamline and digitize gym operations. It allows users (members and trainers) to register, log in, explore fitness plans, view receipts, and interact with various features like booking classes or joining memberships. The system is responsive, visually appealing, and entirely built using HTML, CSS, and JavaScript.

Objective

The primary goal of this project is to develop a user-friendly, interactive, and responsive gym website that:

- Facilitates user registration and login without a backend database.

- Allows users to view personalized content like membership receipts.

- Provides a clean UI for exploring gym services and pricing.

- Encourages users to join or book sessions via call-to-action buttons.

Tools & Technologies Used

Technology		Purpose
HTML	--	Structure and content of web pages
CSS	--	Styling, layout, responsiveness
JavaScript	--	Functionality (login, redirection, session logic)
Goggle fonts	--	Enhanced typography (Poppins)

Pages and Features

1. Home Page

- Hero section with "Get Started" call-to-action.

- Navigation links to Login, Register, Plans, and Contact sections.

- Attractive animations and layout to showcase gym features.

2. Member Login

- Simple login form using only name/email and password.

- On successful login, users are redirected to their dashboard or receipts.

3. Member Registration

- Collects user information to simulate registration.

- Redirects back to login or dashboard after mock registration.

4. Dashboard

- A central page showing member actions.

- Options like viewing receipts, exploring plans, or logging out.

5. Receipts Page

- Displays mock payment or membership records.

- Shown only after a successful login.

6. Pricing/Plans Page

- Cards showing different gym membership tiers.

- "Join Now" buttons that redirect to registration.

7. Navigation

- Fully working header navigation bar.

- Footer contains links and a copyright.

UI/UX Features

- **Responsive Design:** Optimized layout for desktops, tablets, and phones.

- **Theming:** Modern dark UI with contrasting accent colors.

- **Buttons & Effects:** Hover transitions, rounded edges, and clean card interfaces.

Folder Structure

/project-root

|

|——— index.html

|——— member-login.html

|——— register.html

|——— dashboard.html

|——— receipt.html

|——— style.css

|———script.js (if separated)

|---- assets/images/ (for design)

How It Works

1. **Click "Join Now"** → redirects to registration page.

2. **Register/Login** → Register or Login yourself.

3. **Redirect** → user sees dashboard or receipt page.

4. **Logout** → clears session and redirects to login.

Future Enhancements

- Add trainer profiles and class booking system.

- Use chart libraries for workout progress or payment history analytics.

- Enable admin access to manage plans and users.

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