GymFit

Responsive React Landing Page

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Instructor:

Assignment: React.js & Tailwind CSS Landing Page

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1: Introduction

The Gym-Fit project is a modern, responsive landing page built using **React.js** and **Tailwind CSS**. It demonstrates frontend development skills by creating an aesthetically pleasing interface with interactive features and responsive design principles. The landing page is designed for a gym business and showcases trainers, testimonials, FAQs, and contact information.

2: Project Objective

The main goal of this assignment is to apply skills in:

- Structuring a React application with reusable components
- Styling using Tailwind CSS utility classes
- Creating a fully responsive and interactive landing page
- Implementing dark/light mode and smooth animations using Framer Motion

3: Landing Page Overview

The Gym Fit landing page includes the following sections:

- **Navbar:** Responsive with smooth scrolling and mobile drawer menu
- **Hero Section:** Engaging banner with title, description, CTA, and image
- **Trainers Section:** Displays profiles of gym trainers with hover animations
- **Testimonials:** Member reviews with fade-in animations
- **FAQ:** Accordion-style frequently asked questions
- **Contact Form:** Form to send messages to the gym
- **Footer:** Contains copyright info

4: Features

 Fully responsive design (desktop, tablet, mobile)
 Smooth scrolling navigation
 Mobile-friendly hamburger menu with animations
 Dark/light mode toggle button
 Hover effects on trainers' images and buttons
 Animated sections using **Framer Motion**
 Accordion-style FAQ
 Contact form for inquiries

5: Technologies Used

 React.js – For building UI components

 Tailwind CSS – Utility-first CSS framework for styling

 Framer Motion – Animations for sections and elements

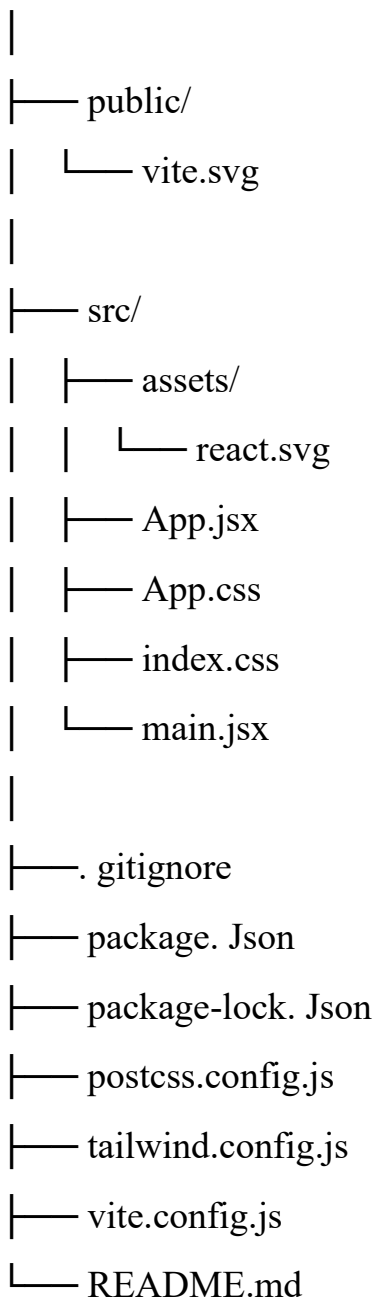
 Vite – Fast React project setup

 Git & GitHub – Version control and repository management

 Netlify – Deployment of the landing page

6: Directory Structure

Gym-Fit/



7: Implementation Details

 React Components:

- App.jsx contains all sections of the landing page.
- Reusable components for Navbar, Hero, Trainers, Testimonials, FAQ, Contact, and Footer.

 Dark/Light Mode Toggle:

- Implemented using React state (use State) and Tailwind's dark: classes.

 Animations:

- Framer Motion used for fade-in, slide-in, and hover animations on trainers and sections.

 Smooth Scrolling:

- Navigation buttons scroll to respective sections using scroll Into View in JavaScript.

 Responsive Design:

- Mobile-first layout using Tailwind's responsive utilities (md: lg:).

 Hover Effects:

- Trainer images scale on hover and shadow intensifies for better user interaction.

8: Deployment

The project is deployed on **Netlify**:

- **URL:** https://gymfiit.netlify.app
- Deployed by connecting the GitHub repository and performing a **manual deploy**.
- Netlify automatically hosts the dist folder generated by Vite.

9: GitHub Repository

 Repository Link: https://github.com/Shahzaib1106/Gym-Fit

 Contains all project source files, configuration, and README.

 Public repository for reference and grading.

10: Conclusion

The Gym-Fit landing page project successfully demonstrates:

- Practical usage of React.js components and state management
- Utility-first styling with Tailwind CSS
- Interactive animations with Framer Motion
- Responsive design for multiple devices
- Deployment and version control using GitHub and Netlify