

## Design Decisions:

1. **Next.js for Framework:** I chose **Next.js** as the core framework because it provides a simple yet powerful structure for building both static and dynamic websites with built-in support for server-side rendering (SSR) and static site generation (SSG). This is ideal for SEO optimization and fast performance.
2. **Tailwind CSS for Styling:** I used **Tailwind CSS** for utility-first styling, which allows for responsive and flexible design with **NO one line of custom CSS**.
3. **Framer Motion for Animations:** **Framer Motion** was used for adding smooth animations and transitions between elements on different pages. It enhances the user experience by providing visually engaging transitions, making the app feel more dynamic.
4. **Redux for State Management:** **Redux** (with Redux Toolkit) is used for managing the global state of the application, specifically for handling the data related to courses, trainers, trainers who are assigned to courses and payments. It ensures that any change in the state is reflected across the entire application, even across different pages.
5. **Responsive Design:** The layout was designed to be responsive using **Tailwind CSS's** responsive utilities. The UI automatically adjusts for mobile, tablet, and desktop views, ensuring a seamless experience on various screen sizes.
6. **No Backend Integration (For Now):** Since the project is currently focused on the frontend, no backend APIs were implemented. This means the form validation and data handling (such as checking passwords, saving data, etc.) are simulated for now.