Bi To Tri Gym — Project Report (frontend)

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Abstract

This project presents Bi to Tri Gym, a fully responsive and interactive fitness web application developed using React.js.

The platform includes a product store, training programs, subscription plans, coach booking, and a global search system.

System Design

Home Page

Store (Supplements & Clothes)

Subscription Plans

Training Programs

Coaches & Booking

Checkout System

Global Search

Technologies Used

React.js

React Router

Context API

JavaScript ES6

CSS3

LocalStorage

React Calendar

Key Code Snippets

Cart Context

```
const addToCart = (item) => { setCart(prev =>
prev.some(p => p.id === item.id)
? prev.map(p => p.id === item.id ? { ...p, qty: p.qty + 1 } : p)
: [...prev, { ...item, qty: 1 }]
```

Booking Confirmation Redirect

```
const handleConfirm = () => {
if (!selectedDate || !selectedTime) return alert("Select date & time"); setShowPopup(true);
setTimeout(() => navigate("/home"), 1500);
```

Search Filtering

```
const filtered = searchData.filter(item =>
item.name.toLowerCase().includes(search.toLowerCase()));
```

PDF Generation Function

```
const generatePDF = () => const pdf = new jsPDF();
pdf.text("Training Program", 10, 10);pdf.save("Training_Program.pd")
```