

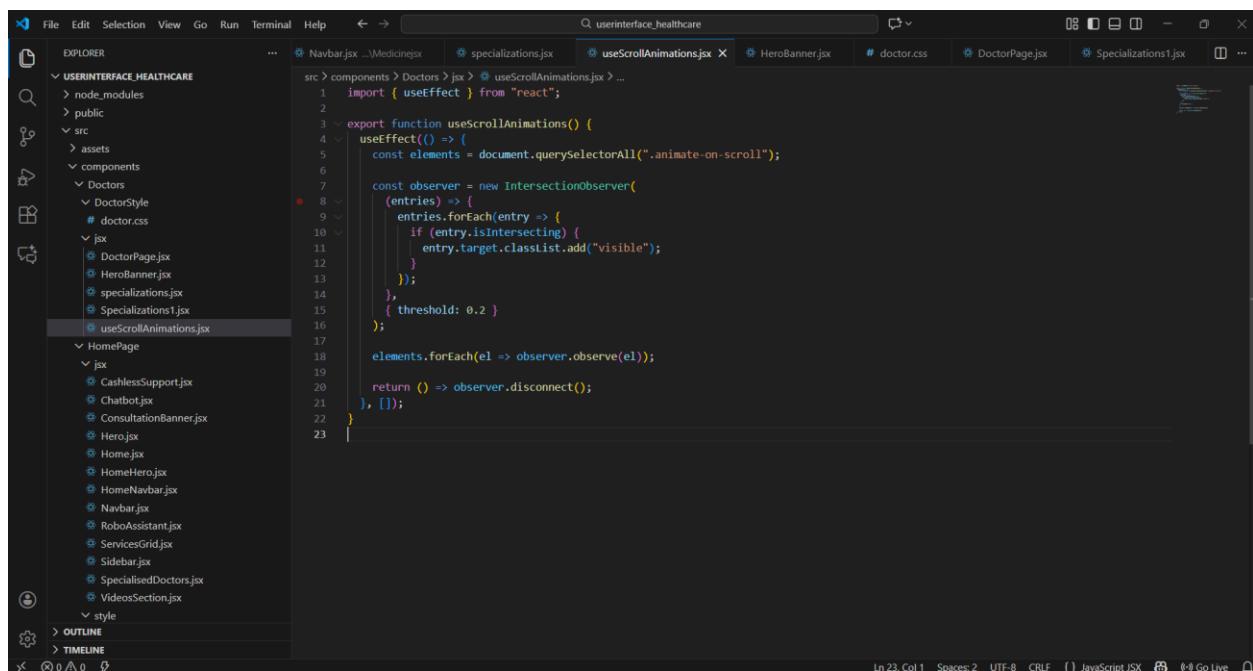
Daily Status Report

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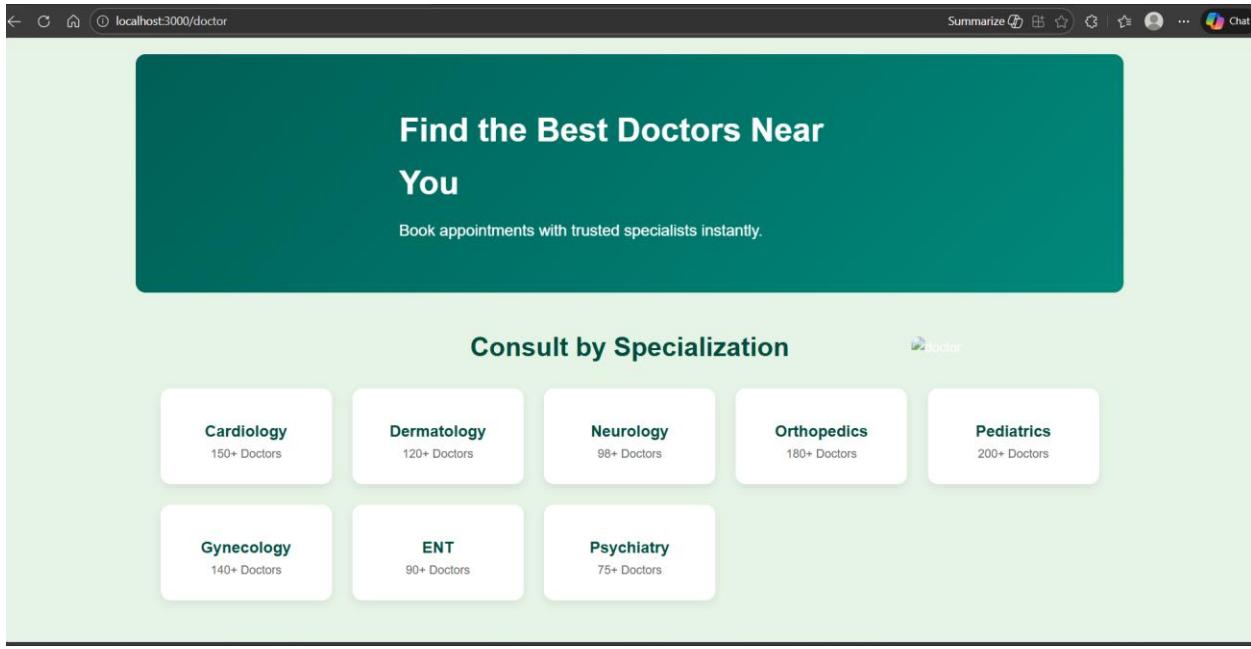
Today I worked on the healthcare user interface, improving both the Doctor page and the Lab Test page for a smoother experience. The updates enhanced layout consistency, added better interactions, and improved overall usability across both modules.

The Doctor module displays available doctors with their specialties, experience, and consultation details in a clean card layout. Users can quickly view profiles, book appointments, and access essential information for informed healthcare decisions.



A screenshot of a code editor (VS Code) showing a file named 'useScrollAnimations.jsx'. The code implements a scroll effect using IntersectionObserver. It defines a function 'useScrollAnimations()' that creates an observer to add a 'visible' class to elements as they become visible on the screen. The code includes imports from 'react' and 'IntersectionObserver', and uses 'useEffect' to run the observer on scroll events.

```
src > components > Doctors > jsx > useScrollAnimations.jsx > ...
1 import { useEffect } from "react";
2
3 export function useScrollAnimations() {
4   useEffect(() => {
5     const elements = document.querySelectorAll(".animate-on-scroll");
6
7     const observer = new IntersectionObserver(
8       (entries) => {
9         entries.forEach(entry => {
10           if (entry.isIntersecting) {
11             entry.target.classList.add("visible");
12           }
13         });
14       },
15       { threshold: 0.2 }
16     );
17
18     elements.forEach(el => observer.observe(el));
19
20     return () => observer.disconnect();
21   }, []);
22 }
```



A reusable card component that displays each lab test with image, title, price, and short description. Handles clicking to open the modal and adding items to the cart without affecting parent layout.

```

src > components > LabTest > LabTest.jsx > LabTestsPage.js ...
1 import React, { useEffect, useState } from "react";
2 import TestCard from "./testCard";
3 import TestModal from "./TestModal";
4 import AuthModal from "./AuthModal";
5 import Cart from "./Cart";
6 import "./LabTestStyle/lab_test-lt.css";
7 // import "../styles/lab_test-lt.css";

8 const initialTests = [
9   {
10     id: 'cbc', title: 'Complete Blood Count (CBC)', description: 'Measures blood cell counts to assess overall health 🩸.', cost: '$100 - $150',
11     id: 'lipid-profile', title: 'Lipid Profile', description: 'Evaluates cholesterol levels and heart health risks ❤️.', cost: '$150 - $200',
12     id: 'thyroid-profile', title: 'Thyroid Profile (TSH)', description: 'Assesses thyroid function to diagnose thyroid disorders 🧠.',
13     id: 'diabetes-care', title: 'Diabetes Care Package', description: 'Monitors blood sugar levels and diabetes risk factors 🩸.',
14     id: 'vitamin-d-b12', title: 'Vitamin D & B12 Combo', description: 'Checks vitamin D and B12 levels for energy, immunity, and mood 🌞.',
15     id: 'liver-function', title: 'Liver Function Test (LFT)', description: 'Evaluates liver health and detects liver disorders 🩸.',
16     id: 'kidney-function', title: 'Kidney Function Test (KFT)', description: 'Assesses kidney performance and health 🩸.', cost: '$100 - $150',
17     id: 'basic-metabolic', title: 'Basic Metabolic Panel (BMP)', description: 'Monitors metabolism, blood sugar, and kidney function 🩸.',
18     id: 'comprehensive-metabolic', title: 'Comprehensive Metabolic Panel (CMP)', description: 'Comprehensive screening for organ function and overall health 🩸.', cost: '$150 - $200',
19     id: 'mammography', title: 'Mammography', description: 'Screening for breast cancer and abnormalities 🩸.', cost: '$1,500 - $2,000',
20     id: 'full-body-checkup', title: 'Full Body Checkup', description: 'Complete health assessment for overall wellness 🩸.', cost: '$100 - $10,000',
21     id: 'x-ray-mri', title: 'X-ray & MRI', description: 'Advanced imaging for diagnostic purposes 🩸.', cost: '$500 - $10,000',
22     id: 'genetic-testing', title: 'Genetic Testing', description: 'Personalized health insights through genetic analysis 🩸.', cost: '$100 - $1,000',
23     id: 'allergy-tests', title: 'Allergy Tests', description: 'Identifies allergens to manage allergic reactions 🩸.', cost: '$100 - $500',
24     id: 'home-collection', title: 'Home Collection', description: 'Convenient lab tests conducted at your home 🩸.', cost: '$200 - $500',
25     id: 'ecg-more', title: 'ECG & More', description: 'Cardiac and advanced diagnostic tests 🩸.', cost: '$300 - $4,000', price: '$300 - $4,000'
26   ];
27
28 export default function LabTestsPage() {
29   const [tests, setTests] = useState(initialTests);
30   const [cart, setCart] = useState([]);
31   const [total, setTotal] = useState(0);
32   const [modalTestId, setModalTestId] = useState(null);
33   const [showAuth, setShowAuth] = useState(false);
34
35   useEffect(() => {
36     // replicate original category-tab click behavior (preserved)
37     document.querySelectorAll('.category-tab-lt').forEach(tab => {

```

Shows full details of a selected lab test inside a popup modal. Allows users to book the test and closes smoothly via the parent modal handler.

localhost:3000/labtest

Comprehensive Lab Testing Services

Book your lab tests with ease and get accurate results from trusted labs.

[Explore Tests](#)

Lab Tests



Complete Blood Count (CBC)

Measures blood cell counts for overall health 🩸.

₹200 - ₹300

[Add to Cart](#)



Lipid Profile

Checks cholesterol and heart health ❤️.

₹450 - ₹700

[Add to Cart](#)



Thyroid Profile (TSH)

Evaluates thyroid function 🧐.

₹350 - ₹650

[Add to Cart](#)



Diabetes Care Package

Monitors blood sugar and diabetes risk 🩸.

₹699 - ₹1,499

[Add to Cart](#)

Handles Login, Signup, Forgot Password, OTP verification, and Captcha inside one modal. Uses React state and DOM elements to mimic your original flow while keeping all behaviors intact.

localhost:3000/labtest



Vitamin D & B12 Combo

Assesses vitamin levels for energy and immunity 😊.

₹800 - ₹1,200

[Add to Cart](#)



Liver Function Test (LFT)

Evaluates liver health and function 🩸.

₹400 - ₹800

[Add to Cart](#)



Kidney Function Test (KFT)

Checks kidney performance and health 🩸.

₹500 - ₹900

[Add to Cart](#)



Basic Metabolic Panel (BMP)

Monitors metabolism and organ function 🩸.

₹2,500 - ₹3,000

[Add to Cart](#)



Comprehensive Metabolic Panel (CMP)

Comprehensive health assessment 🩸.

₹4,500 - ₹6,000

[Add to Cart](#)



Mammography

Breast cancer screening 🩸.

₹4,500 - ₹6,000

[Add to Cart](#)



Full Body Checkup

Complete health assessment 🩸.

₹4,500 - ₹6,000

[Add to Cart](#)



X-ray & MRI

Advanced imaging for diagnostics 🩸.

₹4,500 - ₹6,000

[Add to Cart](#)

Main page that loads all test cards, handles modals, manages cart functionality, and user interactions. Connects all components into a complete, functional lab test booking screen.

Screenshot of a code editor showing the `AuthModal.js` file from a React application named `USERINTERFACE_HEALTHCARE`. The code handles user authentication logic, including state management for login status and message display, and a function to generate a CAPTCHA.

```

src > components > LabTest > LabTest.jsx > AuthModal.js
1 import React, { useEffect, useRef, useState } from "react";
2
3 export default function AuthModal({ show, onClose }) {
4   const [islogin, setIsLogin] = useState(true);
5   const [message, setMessage] = useState("");
6   const [otpVisible, setOtpVisible] = useState(false);
7   const captchaCanvasRef = useRef(null);
8
9   useEffect(() => {
10     if (show && islogin) generateCaptcha();
11     // eslint-disable-next-line
12   }, [show, islogin]);
13
14   useEffect(() => {
15     if (typeof window !== "undefined" && window.Flatpickr) {
16       try {
17         window.flatpickr("#dob", { dateFormat: "Y-m-d", maxDate: "today" });
18       } catch (e) {}
19     }
20   }, []);
21
22   function generateCaptcha() {
23     const canvas = captchaCanvasRef.current || document.getElementById("captchaCanvas");
24     if (!canvas) return;
25     const ctx = canvas.getContext("2d");
26     ctx.clearRect(0, 0, canvas.width, canvas.height);
27     ctx.fillStyle = "#ff00ff";
28     ctx.fillRect(0, 0, canvas.width, canvas.height);
29     ctx.font = "24px Arial";
30     ctx.fillStyle = "#000000";
31     const chars = "0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz";
32     let captcha = "";
33     for (let i = 0; i < 6; i++) {
34       captcha += chars.charAt(Math.floor(Math.random() * chars.length));
35     }
36     ctx.fillText(captcha, 20, 40);
37     for (let i = 0; i < 5; i++) {

```

Screenshot of a web browser displaying a healthcare testing platform at `localhost:3000/labtest`. The page shows a grid of four service categories: Genetic Testing, Allergy Tests, Home Collection, and ECG & More, each with an `Add to Cart` button. Below the grid is a summary of the cart contents and a checkout button.

Service Category	Description	Price Range	Action
Genetic Testing	Personalized health insights 🧬.	₹699 - ₹1,200	Add to Cart
Allergy Tests	Identify and manage allergies 😷.	₹2,000 - ₹5,000	Add to Cart
Home Collection	Lab tests at your home 🏠.	₹500 - ₹10,000	Add to Cart
ECG & More	Cardiac and advanced tests ❤️.	₹300 - ₹4,000	Add to Cart

Your Cart
 Allergy Tests - ₹3500
 Allergy Tests - ₹3500
 Total: ₹3500

Checkout