

FSD Jury Examination

Student Name : Samyak Anil Kedari

Enrollment No. : ADT24SOCBD209

Course : Full Stack Front-end Development (23IT3001)

Semester : V

Class : TY IT SMAD

Subject Incharge : Prof. Rohini Bhosale

Department of Information Technology
MIT School of Computing , Pune
A.Y. 2025-26

Problem Scope and Objectives

The project aims to develop a React-based online pharmacy web app that allows users to browse, search, and purchase healthcare products with ease. It provides features like cart management, checkout, and persistent login using React Router, Context API, and localStorage. The system ensures a smooth, responsive, and user-friendly experience for convenient online medicine shopping.

#1

Dynamic Cart Management -

This feature uses React Context API for global state management and synchronizes data with localStorage for persistence across sessions.

#2

User Authentication & Profile Management -

All data is securely stored in the browser using localStorage, and the navigation bar updates dynamically based on login state.

#3

Product Search & Filter Functionality -

The search dynamically filters products based on name or description — implemented entirely on the client side for fast response.

#4

Checkout & Order Placement System -

A guided checkout flow that ensures only authenticated users can place orders.

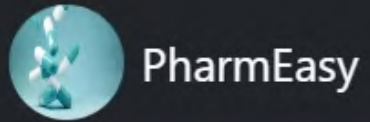
Technology Stack

React JS

1	JSX	4	React Hooks	7	Global State Management
2	Reusable Components	5	React Router	8	Conditional Rendering
3	Props	6	Local Storage	9	List Rendering & Dynamic UI

Implementation

Frontend



Welcome to PharmEasy

Search by name or category...

About Us

PharmEasy is your trusted partner for healthcare essentials delivered right to your doorstep. We provide quality medicines, health supplements, and medical products with the goal of making healthcare simple, affordable, and accessible for everyone.

Our mission is to ensure that every individual has access to reliable healthcare products anytime, anywhere.



Why Choose Us?

What Our Customers Say

"PharmEasy makes ordering medicines super easy!
Excellent service."

— Aditi Sharma

"Quick delivery and trustworthy products. I highly
recommend it."

— Rohan Mehta

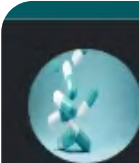
"Affordable pricing and user-friendly interface. Love
it!"

— Sneha Kulkarni


Join PharmEasy Today!

Get exclusive discounts, offers, and priority delivery when you sign up now.

Register Now

PharmEasy

HomeProductsContact UsSign UpLogin

User Registration

Personal Information

First Name

Last Name

Gender

Select

Date of Birth

dd-mm-yyyy

Blood Group

Contact Information

Email

Phone

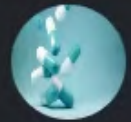
Alternate Phone

Emergency Contact

Address

Implementation

Frontend



PharmEasy

[Home](#) [Products](#) [Contact Us](#) [Sign Up](#) [Login](#)

 **Login**

Email

Password

Login

Implementation

Frontend

Our Products

Search by name or description...



Paracetamol

Pain reliever and fever reducer

₹40

Add to Cart



Vitamin C

Boosts immunity and energy

₹120

Add to Cart



Dettol Soap

Antibacterial skin protection

₹35

Add to Cart



Pain Relief Spray

Instant muscle pain relief

₹90

Add to Cart



Conclusion & Future Scope

The PharmEasy web application successfully demonstrates a modern, user-friendly pharmacy platform built using React JS and Bootstrap. It efficiently integrates key modules such as authentication, product management, cart functionality, and checkout using Context API and localStorage.

In the future, this application can be expanded by integrating a real-time backend using Node.js, Express, and MongoDB or Firebase for secure data management. Additional enhancements like payment gateway integration, order tracking, and AI-based medicine recommendations can further improve usability and scalability.



Samyak Anil Kedari

ADT24SOCBD209

TY IT SMAD

THANK YOU