



MILITARY INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE CODE: CSE-364

COURSE NAME: SOFTWARE DEVELOPMENT PROJECT - I

PROJECT TITLE: A FRIENDLY GUIDE TO MEDICINE SHOPPING

Group 01

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Project Proposal Report:

Pharma Buddy - A Friendly Guide to Medicine Shopping

1. Project Idea:

The proposed project, Pharma Buddy, aims to address the challenges in the medicine market by introducing a web-based application that facilitates efficient management of medical needs. The project's core idea revolves around providing a user-friendly platform where customers can seamlessly explore pharmacies, check medicine availability, compare prices, and make informed decisions about their healthcare purchases. By enhancing transparency in the medicine market, Pharma Buddy empowers users to navigate through their medical needs conveniently.

2. Research Gap and Unique Features:

Below existing similar app features are explained

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Features:

- Extensive database of medicines with detailed information.
- Medicine reminders for timely dosage.
- Healthcare articles and information.
- Option to consult with doctors online.
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PharmEasy:

Features:

- Medicine ordering and doorstep delivery.
- Digital prescription upload for easy ordering.
- Healthcare product shopping beyond medicines.
- Lab tests booking and home sample collection services.

Medlife:

Features:

- E-consultation with healthcare professionals.
- Lab test booking and home sample collection.
- Health-related articles and blogs.
- Medicine ordering with doorstep delivery.

Netmeds:

Features:

- Wide range of medicines and healthcare products.
- Option to upload prescriptions for ordering medicines.
- Medicine reminders for dosage.
- Access to health and wellness articles.

Apollo Pharmacy:

Features:

- Locate nearby Apollo Pharmacy stores.
- Order medicines online for home delivery.
- Access to health-related information and tips.
- Medicine reminders for dosage.

Potential Features for Integration from Existing Apps:

Digital Prescription Upload:

Integrate a feature that allows users to upload digital prescriptions, enhancing the ease of ordering medicines.

Online Consultation:

Consider incorporating a telemedicine feature, enabling users to consult with healthcare professionals online.

Lab Test Booking:

Explore the option of integrating a system for users to book lab tests and arrange for home sample collection.

Health and Wellness Articles:

Include a section dedicated to health-related articles and blogs to educate and engage users.

Medicine Reminders:

Implement a reminder system to help users adhere to their medication schedules.

Exceptional Features**Quick Reorder Option:**

Allow users to quickly reorder medicines from their purchase history with a single click, enhancing the convenience of repeat purchases.

Promotional Discounts and Coupons:

Implement a feature that notifies users of ongoing discounts, promotions, or coupon offers on medicines, encouraging cost savings.

Health Tips Notification:

Send periodic health tips and reminders to users, promoting wellness and providing valuable information on maintaining a healthy lifestyle.

Medicine Expiry Alerts:

Introduce a feature that alerts users when their medicines are nearing expiration, ensuring they stay informed about the freshness of their medications.

One-Click Pharmacist Consultation:

Enable users to initiate a quick online chat with a pharmacist for basic inquiries or advice on medication usage.

User-Friendly Medication Dosage Tracker:

Create a simple dosage tracker within the app, allowing users to log and monitor their medication intake easily.

Visual Medicine Identification:

Include a feature that allows users to upload images of medicines for identification, assisting those who may have difficulty reading or understanding medication names.

Personalized Medication Reminders:

Enhance the existing reminder system by allowing users to set personalized reminders based on their preferred schedule and dosage times.

Pharmacy Ratings and Reviews:

Encourage users to rate and review pharmacies based on their experiences, providing valuable feedback to the community.

User-Friendly Feedback Submission:

Simplify the process for users to submit feedback, making it quick and straightforward to share their experiences with the platform.

3. Proposed Objectives of the Project:

The project aims to achieve the following objectives:

1. To provide personalized dashboards for users, making navigation and access to information seamless and efficient.
2. To enable user feedback and pharmacy listings to create a transparent and reliable platform for medicine purchasing and information.
3. To facilitate streamlined processes such as medicine search, cart creation, and purchase history viewing, enhancing the overall convenience for customers.
4. To gather user feedback and insights from the admin dashboards to continuously improve the platform, ensuring it meets users' evolving needs effectively.
5. To enhance transparency and user trust by implementing a feature that allows pharmacies to indicate and display the availability status of medicines.