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Indian Institute of Information Technology
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(An Institute of National Importance, Ministry of Education, Government of India)

SOFTWARE ENGINEERING

Verification & Final Report Pharmacy Management System

Submitted to

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1.Introduction

A pharmacy management system is a type of management that is intended to boost efficiency, safety, and accuracy in a pharmacy. It is a computer-based system that aids pharmacists in managing inventories, costs, and other factors including medical safety. The system will also provide a report with a list of products that will expire after a certain date before the product itself does. For a set period, such as every month, it also requires manual entry when new batches of medications arrive and when they are moved out of the pharmacy. This involves gathering information about the medications, such as their expiration date, date of purchase, how many of each type are still in stock, and where they are located within the pharmacy. In the pharmacy, a manual system is now in use. Each drug that is on hand in the pharmacy needs to be manually checked by the pharmacist. This typically results in errors as the pharmacist's workload rises.

The pharmacy has a very big customer base as a result of its size and high level of customer care. These clients typically visit the drugstore for medicines is growing at the moment, which adds to the pharmacists already hearvices after they leave work. The number of consumers visiting increases the burden.

It is challenging for the pharmacist in this situation to serve consumers quickly. In the meantime, the pharmacist must guarantee consumer pleasure with their services to maintain them. The problems cause delays in providing services to customers, which slows down sales and increases the chance of losing important clients in the long run.

Writing the order requires a significant amount of time since the pharmacist must review the stock balance and make an educated guess as to how much to order based on the figures .

Medicines should not be used after their expiration dates. This project work will notify the pharmacist of medications that are ready to expire, prohibiting the sale of those medications and offering a remedy to the above mentioned issues.

2.UI/UX Design

Login page:

PMS

username *

password *

[Forgot password?](#)

Login

[Don't have account?
signup](#)

Signup page:

PMS

Welcome to PMS

First Name *

Last Name *

Email *

Phone Number *

Password *

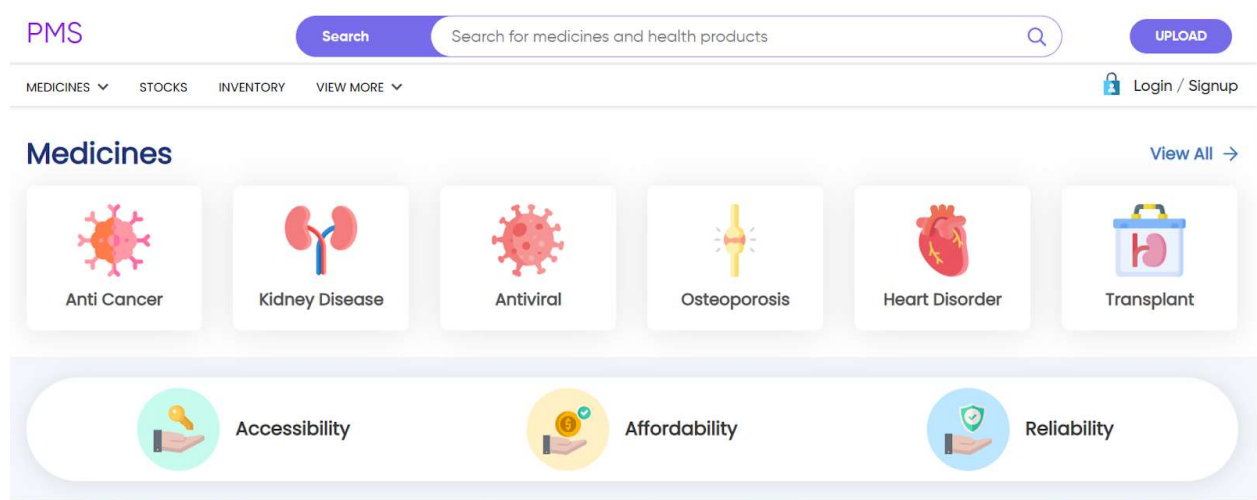
Confirm Password *

☐ I agree to all terms & conditions

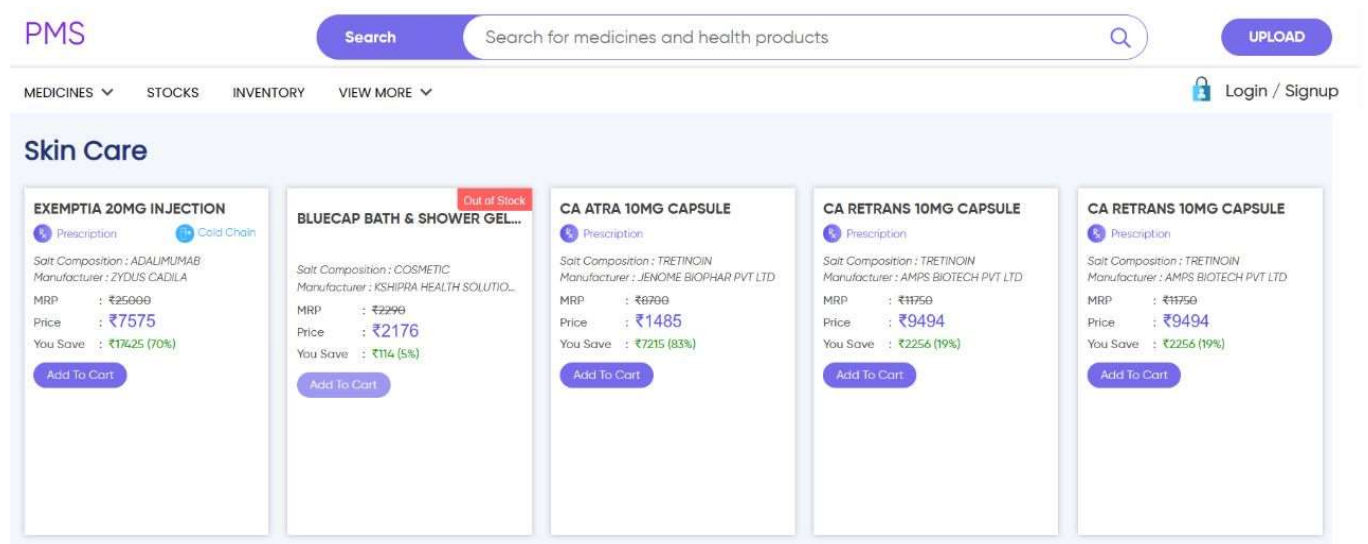
Sign Up

Already have account?
[Login](#)

Home page:



Order page:



3.Test Report

Seq No	Condition to be Tested	Test Data	Expected Result	Successful (Yes/No)
1	Login functionality	Valid credentials (username and password)	User should be logged in	Yes
2	Login functionality	Invalid credentials (incorrect username or password)	User should not be logged in	Yes
3	Add new medication	Valid medication information (name, dosage, quantity, expiry date)	Medication should be added to the database	Yes
4	Add new medication	Invalid medication information (missing required fields)	Medication should not be added to the database	Yes
5	View medication list	No medication in the database	Message should display "No medication found"	Yes
6	View medication list	Multiple medications in the database	List of medications should be displayed	Yes
7	Edit medication	Valid medication information (name, dosage, quantity, expiry date)	Medication information should be updated in the database	Yes

8	Edit medication	Invalid medication information (missing required fields)	Medication information should not be updated in the database	Yes
9	Delete medication	Medication exists in the database	Medication should be deleted from the database	Yes
10	Delete medication	Medication does not exist in the database	Message should display "Medication not found"	Yes