DEPARTMENT OF INFORMATION TECHNOLOGY

A.P.SHAH INSTITUTE OF TECHNOLOGY

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S.E. - I.T Engineering

E - PHARMACY MANAGEMENT

Submitted By

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Under The Guidance Of :

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CERTIFICATE

This to certify that the Mini Project report on E–Pharmacy Management has been submitted by Harmi Mathukiya (21104044), Atharva Mohape (21104121) and Sana Khan (21104068) who are a Bonafide students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

Prof. Mansi Choche

Guide

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TABLE OF CONTENTS

Chapter 1

Introduction

The E-Pharmacy Management is a project developed to automate medical stores activities and improve their productivity. This helps pharmacies organize, manage, and secure drug information efficiently. E-Pharmacy Management is a platform where you can immediately enter a nearby medical shop. It features aids in the resolution of challenges with manual pharmacy management. A Pharmacy Management System can also help you keep track of your drug supplies. Prescriptions are proper and supplied in precise amounts using Pharmacy Management software. It oversees and manages the pharmacy team to preserve strong working relationships and outcomes. This can also improve quality and customer satisfaction ratings.

1.1 Purpose :

The purpose of the project is to build an application program to tackle one's emergency. It ensures The purpose of this proposal is to answer the needs and problems that are seen in pharmacy. that you never run out of vital medicines in an emergency. This computer software is programmed to perform the various tasks required in the operation of a pharmacy. The system will improve the efficiency of the pharmacy and enable the storing of digital records. Managing a system for pharmacy is the process of creating and implementing evidence-based pharmaceutical usage strategies to improve member and population health while maximizing healthcare resources.

1.2 Objectives :

- The main objective of the e-pharma service is to manage the details of medicines, stocks, medicals, etc. The Project is built administrative and thus only the administrator is guaranteed access.
- The project is built at the administrative end and thus only the administrator is guaranteed the access.
- The target of the project is to build an application program to tackle one's emergency.

1.3.Scope :

The scope of pharmacy practice includes more traditional roles such as compounding and dispensing medications, and it also includes more modern services related to health care, including clinical services, reviewing medications for safety and efficacy, and providing drug information. Pharmacists, therefore, are the experts on drug therapy and are the primary health professionals who optimize the use of medication for the benefit of the patients.

Pharmacists are healthcare professionals with specialized education and training who perform various roles to ensure optimal health outcomes for their patients through the quality use of medicines. Pharmacists may also be small-business proprietors, owning the pharmacy in which they practice. Since pharmacists know about the mode of action of a particular drug, and its metabolism and physiological effects on the human body in great detail, they play an important role in the optimization of drug treatment for an individual.

Chapter 2

Problem Definition

- ### Problem Identifier:

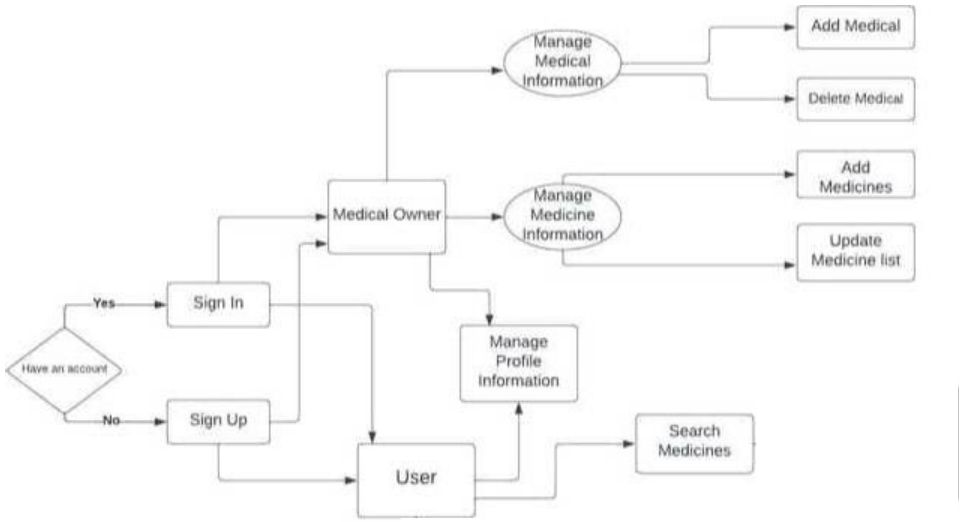
Difficult to find medicines from medicals during an emergency. The E-Pharmacy Management Project Proposal has the complete description of the project to be proposed. This contains the problem statement which discusses the difficulties that the pharmacy management faced and it is considered the reason why the project is proposed. This proposal also includes the project scope that explains the boundaries and possible features of the project.

- ### Solution Proposed:

E-Pharmacy Management is a healthcare platform where you can immediately get into medical shops. Pharmacy Management System Project is a great system for storing data, maintaining, and organizing the use and process of medications in the pharmacy. The purpose of this proposal is to answer the needs and problems that are seen in pharmacy management. To formulate the project proposal for this pharmacy management, you should address its problem first. By determining its problem, you can have ideas on what should be the modules or features of the Pharmacy Management System Project.

Chapter 3

Proposed System :



The Above depicted diagram describes the control flow of the software.

3.1 Features and Functionality :

- For accessing one have to Sign in and Sign Up.
- Medicines can be added and updated and it includes information such as the name of the medicine, Description, Price, and Quantity of that particular medicine.
- Different Profile Section has been created.
- Updated medicals and medicines are listed on the search page.

Chapter 4

Project Outcomes :

- Users can log in and Signup using their name, address, password, email, phone number, etc.
- Medicines can be added and updated and it includes information such as the name of the medicine, Description, Price, and Quantity of that particular medicine.
- We have created different profile sections for both medical owners as well as for medical shops.
- Updated medicals and medicines are listed on the search page.

Chapter 5

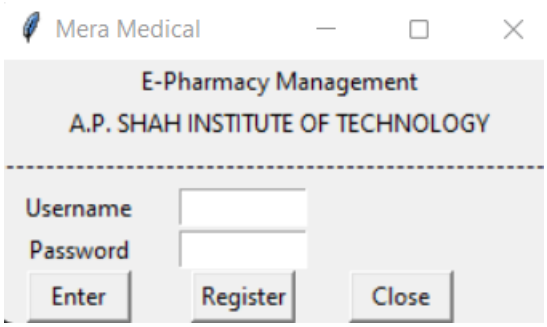
Software Requirements :

1. For front end (GUI) -- Tkinter
2. For backend (Database) -- MySQL Database, Python

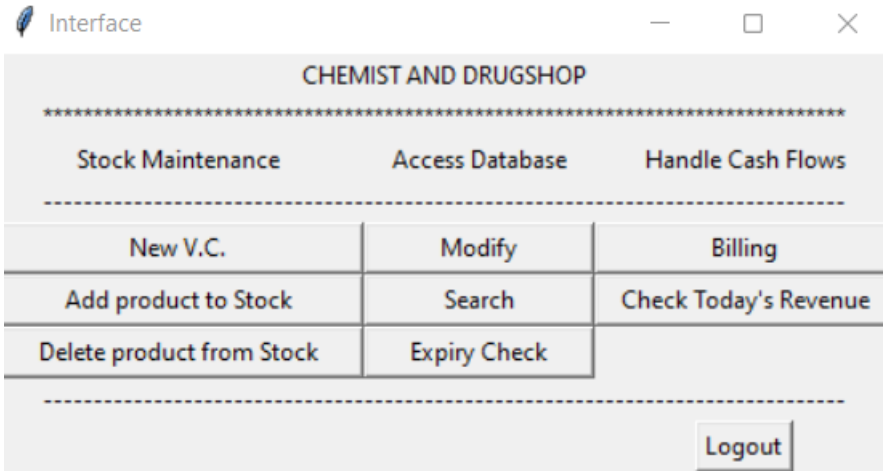
Chapter 6

Project Design :

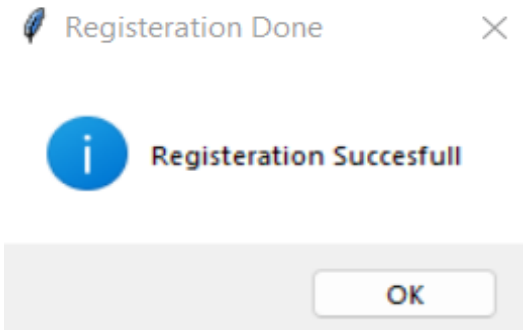
6.1. Sign In page :



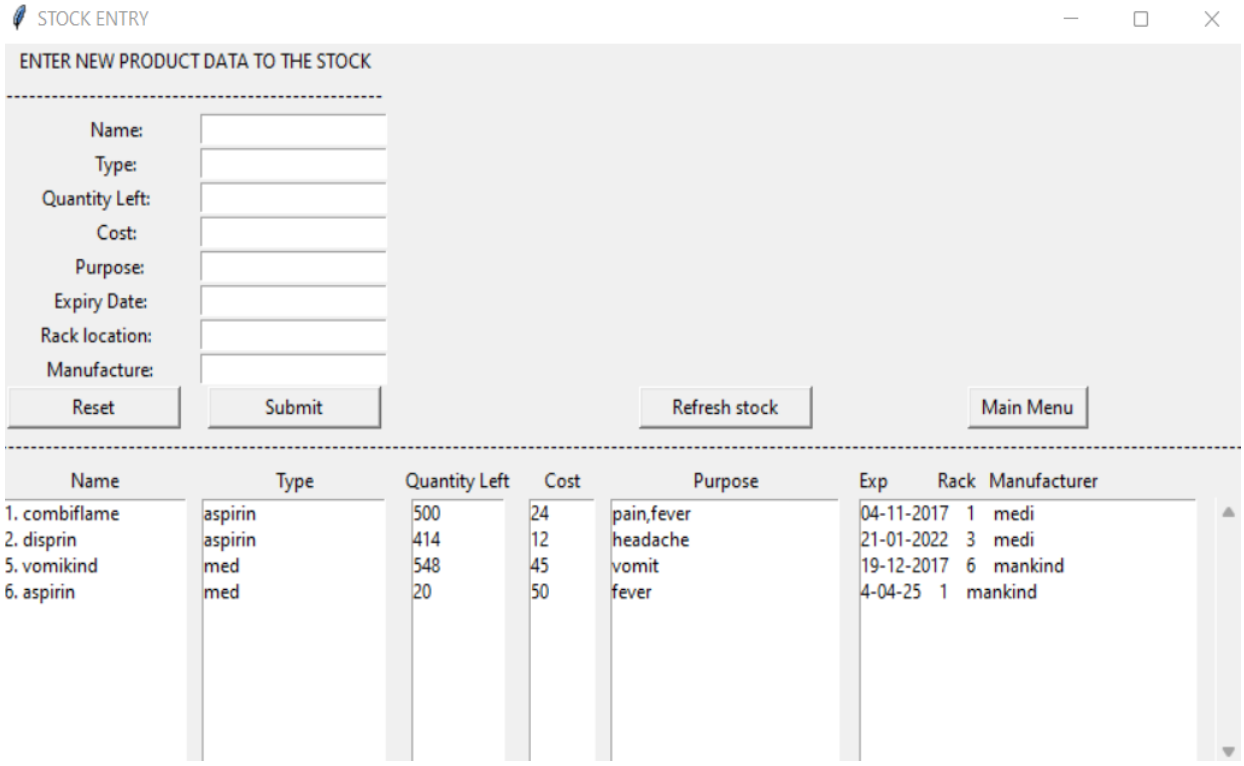
6.2. About us page :

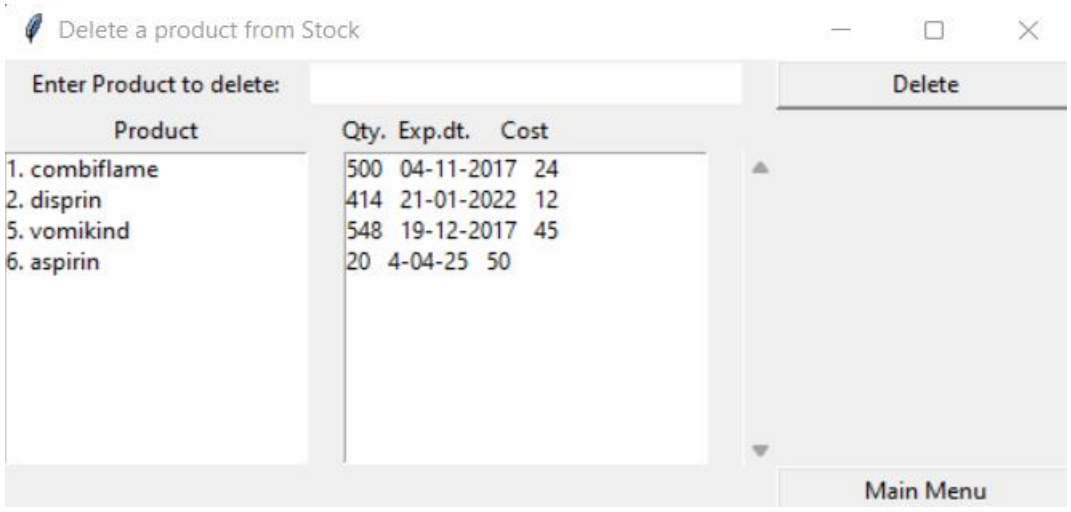


6.3. Registration page :

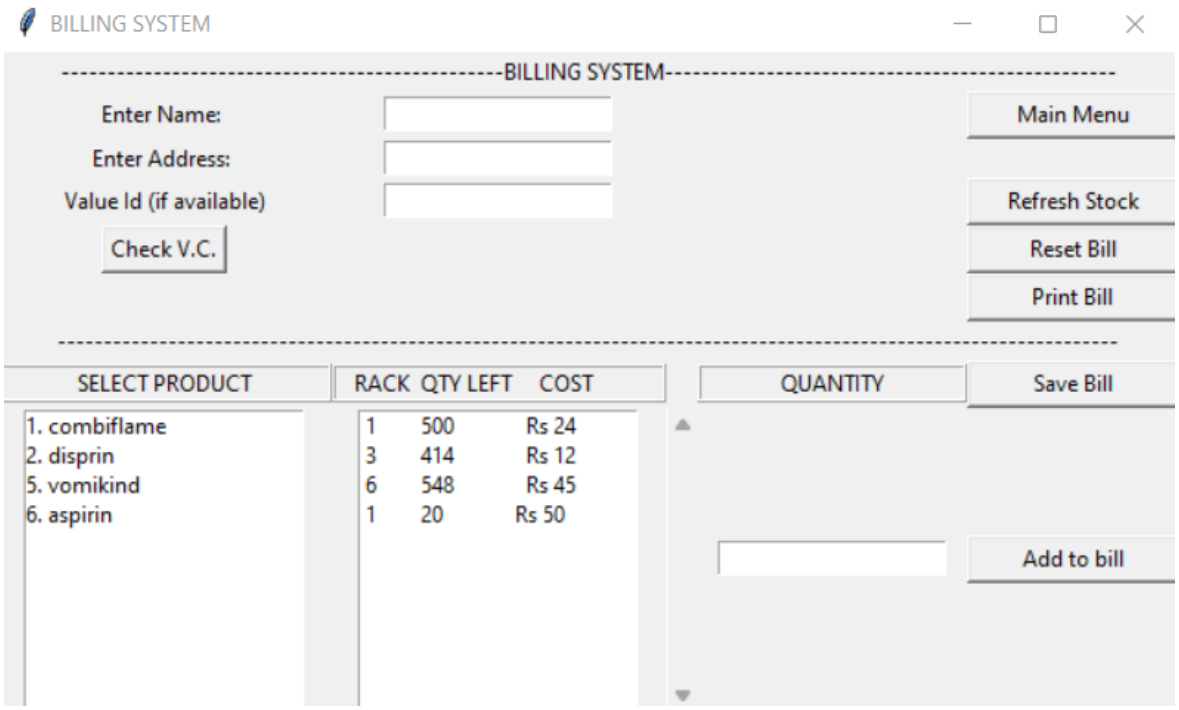


6.4. Stock of Medicines :

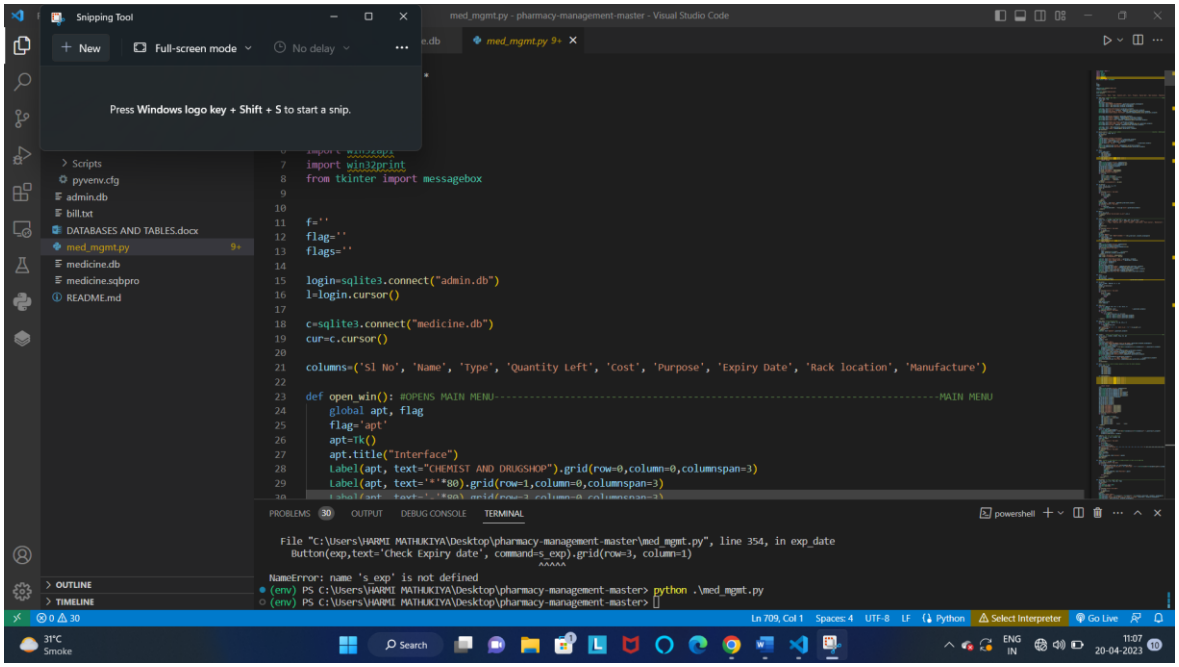




6.5. Billing system page :



6.6. Database :



Chapter 7

Conclusion :

E-Pharmacy Management is a free medical care service that aims to provide help to the one in need. In the current market, a user can order medicine from his mobile device too. But we're tackling the state of the user, where he/she is in urgent need of medicine. We plan to reach out to as many medical shops as possible so that our application can turn out into a monopoly in the market.