

CureZero (Pharmacy Store)

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Project Scope:

The main aim of our project is managing the records of the pharmaceutical store CureZero. It is a database application that provides the admin with storing, managing, and retrieving data such as the stock of medicines, the number of medicines sold, supplier details, staffs at medical store, customer details, etc. The customers have the option to purchase the required medicines, upload prescriptions, place an order, etc.

Tech Stack:

Database: MySQL

Front-End: HTML, CSS, JavaScript

Back-End: Python, Flask

Stakeholders:

Admin, employee, customer, supplier

Technical Requirements:

Employee:

- Cannot perform operation on the stock of medicines (like adding or deleting any medicine)
- Cannot manage and view other staff details
- Cannot view the feedbacks submitted by customers

Customer:

- Cannot view dashboard
- Cannot view the stock of medicines
- Cannot buy certain medicines without doctor's prescription

Others:

- Users before requiring the need to log-in need to specify their user-type (admin/employee/customer)
- Users need to authenticate the access to website through a username and strong password
- The password should be 8 characters long with the allowance of using only alphabets (both uppercase and lowercase), numbers and special characters

Functional Requirements:

Admin:

- Register and login on the website
- View dashboard (total sale and purchase/in-stock medicine/out-of-stock medicine)
- View the list of medicines (medicine name/company/unit price/quantity/category/prescription required or not/expiry date)
- Perform operations on stock of medicines (add/search/update/delete)
- Manage staff details (name/job/phone number/address/salary)
- View supplier details (name/address/phone number/email ID)
- View customer details (name/phone number/address/uploaded prescriptions)
- Generate and view transactions made by customer (transaction ID/customer name/transaction date/payment type/medicine name/unit price/quantity)
- View feedbacks provided by the customers

Employee:

- Register and login on the website
- View dashboard
- View the list of medicines
- View supplier details
- View customer details
- Generate and view transactions made by customer

Customer:

- Register and login on the website
- View the list of available medicines and their specific details
- Upload the prescriptions provided by a certified medical practitioner
- Put an order for the medicines
- Confirm order and make payment
- Rate the services by giving necessary feedback