Team 132

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Pharmacy Store

Project Scope:

We use this application to implement an online pharmacy store like Pharmeasy/ netmeds. In the application, suppliers could add the drugs they want to sell via the application, while the users would be able to buy the drugs they are interested in. The primary purpose of this application would be to maintain a database where both the suppliers and customers can work together to have a beneficial relationship. Moreover, we would also be managing a database of the transporters and delivering the orders based on the transporters' availability and the user's address.

Technical Requirements

Front End:

React, CSS, HTML, JS, Canva/Figma.

Back End:

MySQL, Python, Django/Flask.

Functional Requirements

● Add Category

● Add a Drug

● Delete a Drug

● Delete a Category

● Search for a Category

● Search for a Drug

● Sort the Drugs based on multiple parameters

● Details of the Drug

● Adding Drugs to the Cart

● Having deals on Drugs

● Adding Transporters

- Adding User Details

- Prescription Upload and Verification

- Checkout and Discount, coupons codes

- Routine Medication

- Distribution of niche drugs

- COVID-19 PPE Kit

- Oximeter

Customers

- There will be multiple categories that the consumers can choose from depending on their stock. The user can also look through the various types based on their needs. The application will protect sensitive patient and customer data through robust security measures such as encryption and user access controls.

- All the personal information and data of the user will be end-to-end encrypted and won't allow any misuse of the information; they will also have options for payment methods.

- Users can maintain and view their previous transactions and order history. They can also generate purchase transactions, generate invoices. Remainder to the user to make purchases of medicine following their previous transactions.

- Regular users can avail of discounts and receive coupon codes.

- They will have the luxury of choosing which seller they want to buy from according to their preferences and budget.

- The user can search for a specific drug, add them to their carts and edit them. They can also search for medicine using multiple filters, like a specific budget.

- Only medicines with proper approval and satisfying all safety precautions are sold.

Supplier

- Timely pickup of in-demand or required medicines in small quantities or bulk. Also, timely notice to all the vendors regarding the requirements and availability of current stock.

- Different suppliers will have a chart analysis of offers offered by other suppliers to stay in profit.

- Payment can be received by the mode of payment which will be mutually decided before every deal.

- Invoice and transaction history of every transaction can be viewed and printed from the dashboard.

- A graph/chart analysis of medicines in demand or shortage so they can plan accordingly.