



DBMS

Project Deadline - 1

CARRY-CURE

Design of an pharmacy
store



Project By:

Shivam Dwivedi

Aabhas Chaddha

Contact Details :

shivam21352@iiitd.ac.in

aabhas21369@iiitd.ac.in

ABOUT THE PROJECT

To create a platform for local pharmacy stores to list their products and for customers to easily find and order products from their nearest pharmacy store. The platform aims to streamline the process of buying medicines and other necessary products for customers by providing them with a convenient way to search for and order from nearby pharmacies. The platform also aims to provide a new sales channel for local pharmacy stores by allowing them to list and sell their products online.

Customers will be easily able to get medicines on time, within 1-2 hours by using this application through the help of local pharmacy stores. This will hugely help sick patients for whom buying medicines would have been a really big hassle.

To design a pharmacy store where local pharmacy shops can list their own products and based on their pincodes, people can find their nearest pharmacy store and order medicines and other necessity products from that particular store itself. We can have the option to upload the prescription or be sent via whatsapp directly to the pharmacist after placing the order too. The local pharmacy store / customer can choose to either deliver the product on their own or use our services which will be tied up with services like Uber Package, etc.

SCOPE OF THE PROJECT

The project aims to design a database for an online pharmacy store where local pharmacy shops can list their products and customers can search for and order products from nearby pharmacies. The database will store information about the products, pharmacies, and orders.

- The data to be stored includes information about pharmacy stores, products, customers, orders, delivery options, and payment information.
- The database will need to support the ability to search for nearby pharmacy stores based on a customer's location (pincode).

TECHNICAL REQUIREMENTS

Data Entities:

- Pharmacy Store: Includes store name, address, contact information, and list of products available at the store.
- Products: Includes product name, description, price, and quantity in stock.
- Customers: Includes customer name, contact information, and delivery address.
- Orders: Includes customer information, order items, order total, prescription (if any), delivery option, payment information.
- Prescription: Includes prescription image, and doctor's information.

Data Relationships:

- A pharmacy store can have multiple products.
- A customer can place multiple orders.
- An order can have multiple products.
- An order can have one prescription.

Data Constraints:

- A product's quantity in stock cannot be negative.
- A customer's delivery address must be a valid address.
- A pharmacy can only have one address and phone number.
- A product must have a unique name within a pharmacy store.
- A customer's email address must be unique.
- A customer's phone number must be unique.
- A delivery option must be chosen for an order.
- A payment must be completed for an order to be considered as placed.

CARRY-CURE

TECH-STACK

MySQL

Python

Django

HTML

Additional:
(CSS, JavaScript,
etc - Optional)



FUNCTIONAL REQUIREMENTS

Functional Requirements (Pharmacy side)

- Ability for pharmacy store owners to add/update/remove products from their store's inventory.
- Ability for pharmacy store owners to update their store's contact information and address.
- Ability for pharmacy store owners to view and manage orders placed at their store.
- Ability for pharmacy store owners to update the delivery status of an order.
- Ability to choose between delivery options (e.g. store delivery, Uber Package delivery).

Functional Requirements (Customer side)

- Ability to search for nearby pharmacy stores based on customer's pincode.
- Ability to place orders.
- Ability to choose between delivery options (e.g. store delivery, Uber Package delivery) - if both available.
- Ability for customers to view product details, including availability and prices.
- Ability for customers to add/remove items to/from their cart before placing an order.
- Ability for customers to view their order history.
- Ability for customers to view and update their delivery address.