



Project Proposal

CSE311 LAB

Database Management System

Section 3

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North South University

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Project Name:

E-commerce Platform for a Medicine Company

Introduction:

We are going to make a customer-friendly webpage for the Medicine Company, ProgMedix, to help users buy medications online within the comfort of their own homes. Customers can easily create accounts and purchase their desired medicines by making online transactions. The data of users and products will be stored in the database and customers can view and order medicines according to their requirements.

Features:**Entities for the database:**

1. Admin
2. Customers
3. Medicines
4. Payment
5. Invoice

1. Admin: Admin can log into the system. Admin can upload, edit and delete medicines. Admin also has the power to remove any users that are registered and can also view all the invoices.

Attributes – ID, password

2. Customers: Customer has to create an account/register then they can log in. After logging in, they can buy medicines and pay via online payment method. They can select and unselect medicines. They can view the data from medicines table.

Attributes – Customer_ID, Customer_Name, password, email, location

3. Medicines: This table will have information of every medicine such as: Product_ID, Product_name, expiry_date, generic_name, price, weight
Customers can view this table.

4. Payment: There will be multiple payment methods a customer can choose from such as: mobile banking or cash on delivery.
5. Invoice: This table will contain the necessary information after a customer has purchased a medicine such as:
Product_ID, Product_name, Quantity, price, total_bill, payment_method.

Technologies:

Front-end: HTML, CSS, Bootstrap, JavaScript (if required)

Back-end: PHP, MySQL.