**National University of Computer and Emerging Sciences**



Database Project Proposal

**Pharmaceutical Website (E-Commerce)**

Group Members:

|  |  |  |
| --- | --- | --- |
| **Name** | **Roll Number** | **Sub-section** |
| Kashan Aqeel | L20-0906 | B2 |
| Suniya Ehsan | L20-0916 | B1 |
| Laiba Aslam | L20-1036 | B1 |
| Muhammad Mukarram Murtaza | L17-4116 | B2 |

CL219 Database Systems Lab

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Department of Computer Science

FAST-NU, Lahore, Pakistan

# 1. Introduction

This website is going to be a platform where medication and medical equipment are sold and purchased i.e. an online pharmaceutical store. Customers will have all the facilities needed to conveniently order whatever they want to purchase and have it delivered at home.

# 2. Functionalities

The following section contains all the functionalities proposed for this project.

## 2.1. Sign up (Seller (Brand) /Buyer)

Sellers and Buyers will be registered along with their respective credentials.

## 2.2. Log in (Seller (Brand) /Buyer)

Sellers and Buyers will be able to login with valid credentials.

## 2.3. Edit Account

Both buyers and sellers will be able to edit their credentials i.e. Password.

## 2.4. Add/Remove Product

Sellers will add and remove products to their profiles. Product descriptions will be provided by the sellers to effectively present their products.

## 2.5. Products Display

Buyers will be able to see the list of all products for purchasing.

## 2.6. Filters

Buyers can apply filters on their searches.

## 2.7. Product Availability / Stock

The products that are out of stock will be shown as unavailable i.e. 0 (Unavailable) or 1 (Available).

## 2.8. Product Rating

Products will be given ratings according to their services which will help them build their credibility.

## 2.9. Shopping Cart

Each buyer will have a cart to collect all the products that they need to buy.

## 2.10. Discount for Doctors

Doctors will be able to avail discounts.

## 2.11. Checkout

Customers will be able to place orders using cash on delivery option only.

## 2.12. Frequently Bought Products

Buyers will have a separate list of products they buy often so that if needed they can access them easily in the future.

## 2.13. Per Product Statistics (Sale Frequency) - extra

Sellers will be able to view the performance (number of sales, average feedback) of each product in the market.

## 2.14. Feedback - extra

Buyers will be able to give feedback on the product on the basis of the experience after purchasing.

## 2.15. SMS Notification - extra

Buyers will receive messages for discounts and the arrival of new equipment.