

# DBMS - 2 REPORT

## PHARMACY MANAGEMENT SYSTEM

### PROBLEM DEFINITION

Lack of accessibility to medical supplies, especially for those who have difficulty leaving their homes. Traditional stores can be inconvenient for individuals who are physically challenged, have chronic health issues, or live in remote areas. COVID-19 pandemic has further highlighted the need for online shopping platforms. The efficient way is to provide a web-based platform that offers easy access to medical supplies and products, while also ensuring a safe and convenient shopping experience.

### INTRODUCTION

The system is designed to provide customers with a safe and convenient way to purchase medications from the comfort of their own home. The website will offer a wide selection of prescription and over-the-counter drugs at affordable prices, with an easy-to-use interface that simplifies the purchasing process. This provides customers with a seamless shopping experience and ensures that they receive their medications safely and promptly. Additionally, the website will prioritize the security of customer information and comply with all applicable regulations and guidelines. Through this, we hope to improve access to medications and make healthcare more convenient and accessible for everyone.

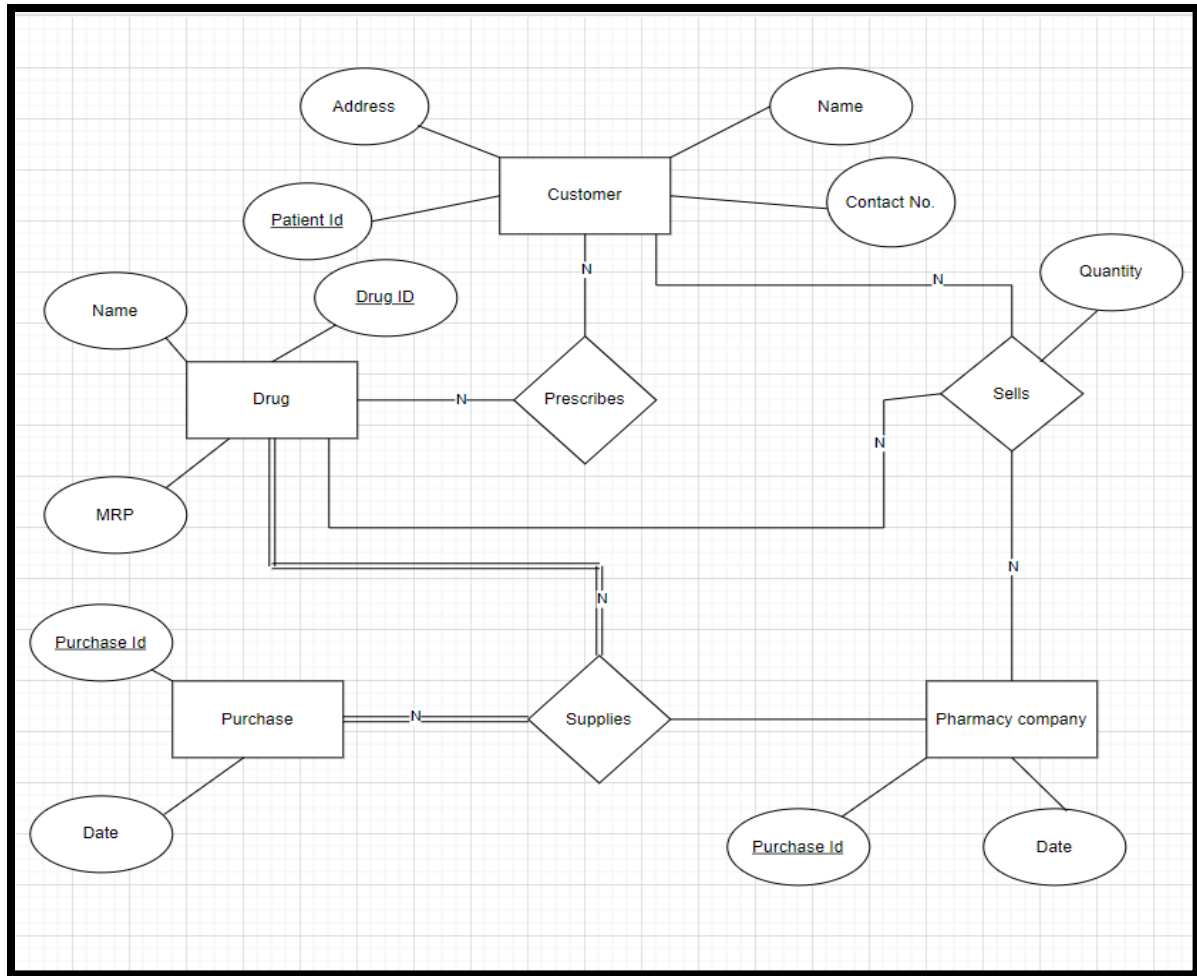
### DESCRIPTION

A website to sell medicines could provide a convenient and accessible option for people to purchase their medications. The platform features a comprehensive list of available medications, with options to search and browse by category, making it easy for customers to find what they need. Additionally, the website should have a secure ordering process to protect customers' personal and payment information, as well as a dedicated customer support team to assist with any questions or concerns. To ensure customer satisfaction, they also offer convenient delivery options and allow for customer reviews and ratings. The

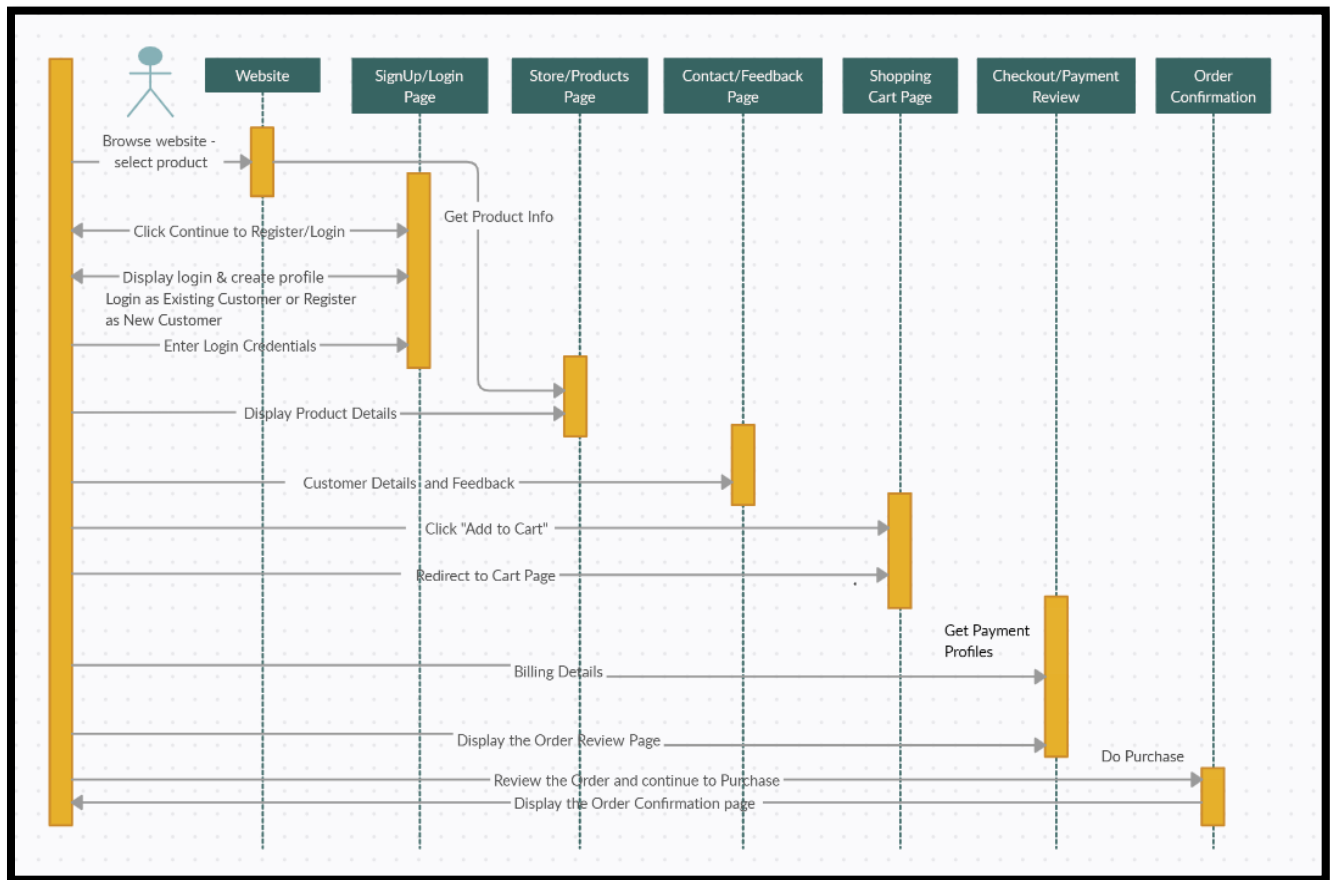
customer can also view the entire basic details of the medicine that they would like to buy. We also provide a wide range of discounts from different manufacturers.

We have implemented a secure login that allows authorized users to view details and place orders without the possibility of anonymous placements or confirmations. To prevent false placements, we only offer cash on delivery as a payment option.

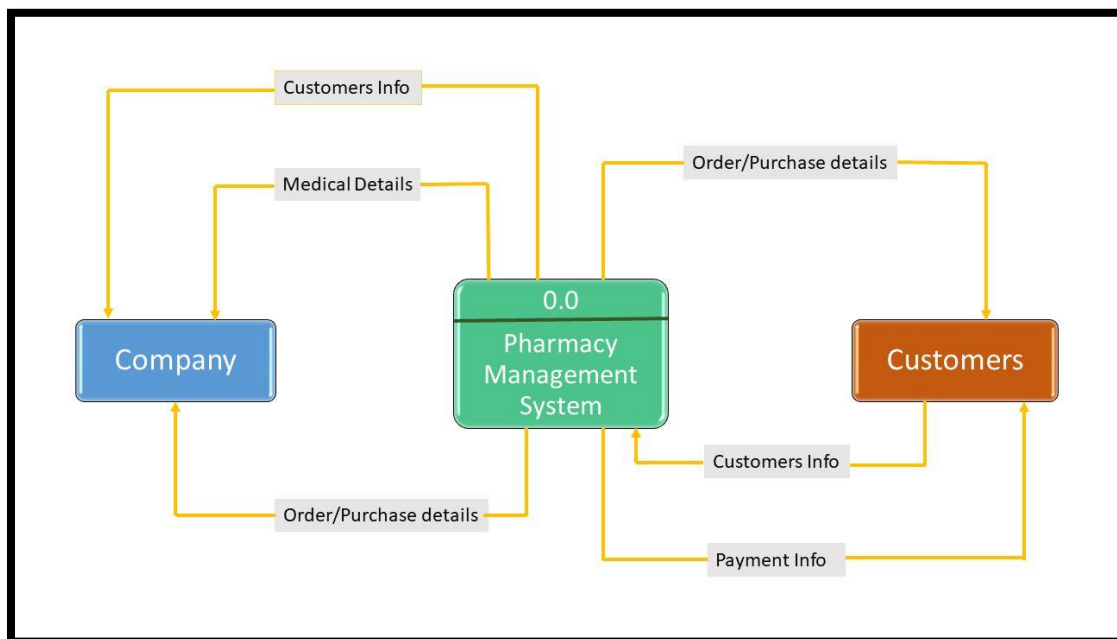
## **ER Model**



## Sequence Diagram



## Data Flow Diagram



## TOOLS

S.NO	SOFTWARE/WEBSITE	USAGE
1	HTML, CSS	To maintain structure & content of web pages. For optimizing the search engine and managing the account information. They form the basis for making the website visually appealing.
2	JavaScript	Provides Interactivity & Functionality to the website.
3	Bootstrap	To create a responsive and user-friendly layout that will adjust & fit to different screens.
4	PHP	In interacting with the store's database and generate dynamic functionality(including features such as user registration, login, shopping cart, and checkout) based on user input.to handle server-side validation and authentication, process payments, and interact with external APIs for features such as shipping or order tracking.
5	XAMPP	To develop, test, and deploy the store's website and associated applications in a local environment before making them available on the production server. XAMPP is used to manage the store's database and web server locally, allowing for greater control and flexibility during the development process.
6	MySQL	To manage the store's database. It can be used to create tables to hold data, query the data to retrieve information, and perform various operations. Also in creating a secure login system to protect customers and store data.
7	Apache	To serve web pages to customers who are browsing the store's website. It is also be used to configure and manage the store's network security, including SSL/TLS encryption to protect sensitive data like customers' personal information and payment details.
8	Draw.IO	To Design Entity Relationship Model.
9	Visual Paradigm	For the Design of Sequence Diagram.

## OUTLOOK OF THE SYSTEM

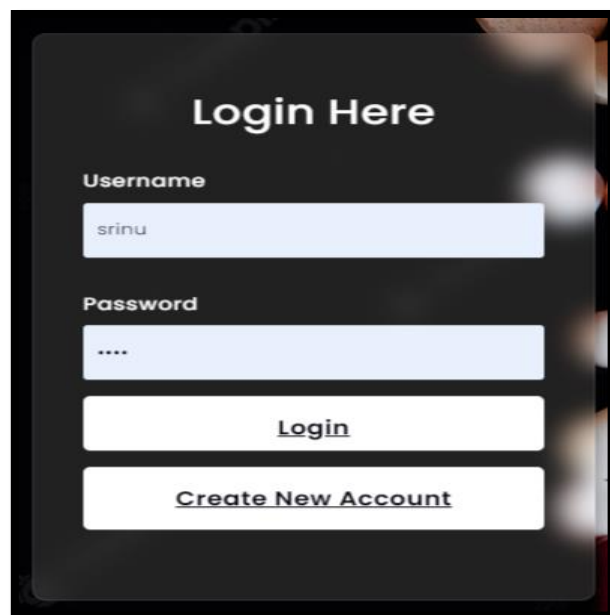
### Registration:

Before a customer can log in to a website, they are required to create an account by providing their personal details such as their name, email address, and any other information the website may require. Additionally, they will need to create a password that will be used to secure their account from unauthorized access.

This password should be chosen carefully and kept confidential to ensure the security of their personal information on the website.

### Login:

Once the customer has registered, their details will be saved in the database. To access the website, they will need to enter the details the page requires. The website verifies the entered information with the database and if it matches then it allows to go further.



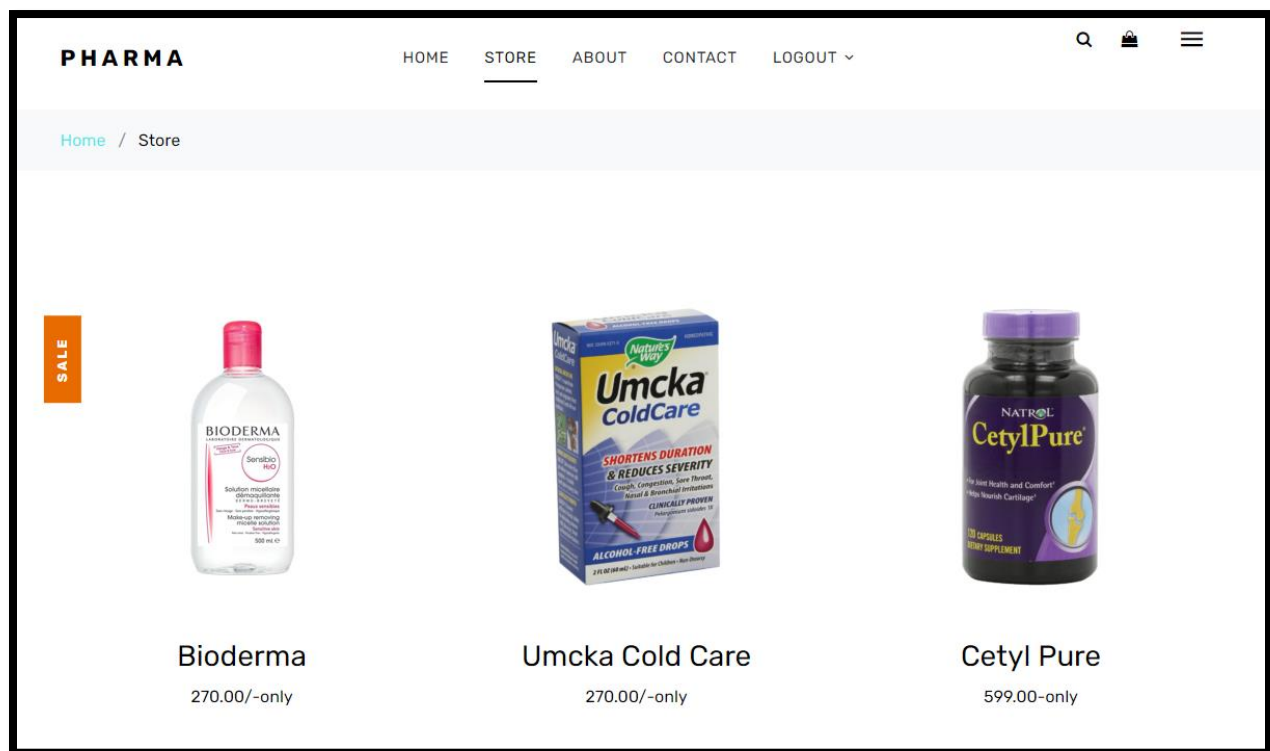
The image shows a login form with a dark background. At the top, the text "Login Here" is displayed in white. Below this, there are two input fields: "Username" with the text "srinu" entered, and "Password" with four asterisks "\*\*\*\*" entered. Below the password field is a white button with the text "Login". At the bottom is another white button with the text "Create New Account".

## Home & Store:

Once the customer has logged in they can see the homepage of the website that displays the details of the company and few hot sale medicines that are available in the store in the time being.

Home contains different web pages in it like store, cart, feedback, view etc,

Store contains the list of available products(medicines) that a customer can purchase.



## Individual Medicine Page:

This page is specific to a particular medication. It contains the details of the medicines that one requires to review and verify before buying it. The details may include information about its price and uses etc.,.



## Umcka Cold Care

Nature's Way Umcka ColdCare Shortens Duration & Reduces Severity, 99.95% Alcohol-Free Cherry, 8 Oz.

Rs.420.00 **Rs.270**

ADD TO CART

Umcka ColdCare Original Drops comes in a concentrated liquid form with droppers for convenient dosage. You can take it straight or add it to a beverage – whatever is more convenient for you. Umcka ColdCare Drops are also available in a 99.9% alcohol-free formula for children ages 6 and up. Clinically proven You can feel confident knowing that Umcka (Pelargonium sidoides 1X) is proven effective in clinical studies for alleviating common cold symptoms, plus nasal, throat, and bronchial irritations.

## Feedback Page:

### Get In Touch

First Name \*

Last Name \*

Email \*

Subject

Message

SUBMIT



## Cart:

Product	Price	Quantity	Total	Remove
Umcka Cold Care	Rs.270	<input type="text" value="2"/>	Rs.540	<input type="button" value="X"/>

## Checkout:

Billing Details	Your Order															
<div><div>City *</div><div><input type="text" value="Select a city"/></div></div> <div><div>First Name *</div><div><input type="text"/></div></div> <div><div>Last Name *</div><div><input type="text"/></div></div> <div><div>Address *</div><div><input type="text" value="Address"/></div></div> <div><div>Email Address *</div><div><input type="text"/></div></div> <div><div>Phone *</div><div><input type="text" value="Phone Number"/></div></div> <div><div>Order Notes</div><div><input type="text" value="Write your notes here..."/></div></div>	<table><thead><tr><th>Product</th><th></th><th>Total</th></tr></thead><tbody><tr><td>Chanca Piedra</td><td>x 1</td><td>Rs.299.00</td></tr><tr><td>Bioderma</td><td>x 1</td><td>Rs.270.00</td></tr><tr><td colspan="2"><b>Cart Subtotal</b></td><td>Rs.569.00</td></tr><tr><td colspan="2"><b>Order Total</b></td><td><b>Rs.569.00</b></td></tr></tbody></table> <div><div>Cash</div></div> <div><input type="button" value="PLACE ORDER"/></div>	Product		Total	Chanca Piedra	x 1	Rs.299.00	Bioderma	x 1	Rs.270.00	<b>Cart Subtotal</b>		Rs.569.00	<b>Order Total</b>		<b>Rs.569.00</b>
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