



Pharmacy Management System

Project Submitted To

S.D. COLLEGE HOSHIARPUR

(PANJAB UNIVERSITY, CHANDIGARH)

IN

THE PARTIAL FULLFILMENT OF

BACHELOR OF COMPUTER APPLICATIONS 2025

SUPERVISED BY

Asst. PROF. NISHA ARORA(HOD)

Asst. PROF. KESHAV

Asst. PROF. NITIKA

SUBMITTED BY

DEEPAK KAUSHAL

AMIT SINGH

ACKNOWLEDGEMENT

I would like to express my special thanks to our mentors Asst.Prof. Keshav Diwan and Asst.Prof.Miss Nitika for their time and efforts they provided throughout the year. Your useful advice and suggestions were really helpful to us during the project's completion. In this aspect, I am eternally completed entirely by my group

I would also want to thank SD college for accepting my project in my desired field of expertise I'd also like to thank my friend and parents for their support and encouragement as I worked on this project.

Deepak Kaushal

Amit Singh

DECLARATION BY
DEEPAK KAUSHAL
FOR
PHARMACY MANAGEMENT SYSTEM

I hereby, certify that this work on "Pharmacy Management System" is present in partial fulfilment for the award of bachelor of computer application at SD college Hoshiarpur . This report is an authentic record of my own work carried out during a period of BCA 6th Sem under the supervision of Asst.Prof.Keshav and Asst.Prof.Nitika This is certify that the above statement made by the candidate is correct to the best of our knowledge .

H.O.D. Signature

Project In-charge Signature

CERTIFICATE OF ORIGINALITY

This is to certify that the project report entitled "PHARMACY MANAGEMENT SYSTEM" submitted to PANJAB UNIVERSITY in partial fulfilment of the requirement for the award of the BCA is original work carried out by :

DEEPAK KAUSHAL (2452904) & AMIT SINGH (2452907)

under the guidance of :

Asst . Prof. Keshav and Asst. Prof. Nitika

The matter embodied in this project is genuine work done by the student.

How it Works:

1. User Authentication

- Admin log in to access the system securely.

2. Dashboard & Stock Management

- View medication stock, sales, and reports.
- Alerts for low-stock and expiring medicines.

3. Medication Management

- Add, update, or delete medication records.

- Maintain manufacturer and category details.

4. Sales & Invoice Generation

- Process customer sales.
- Store sales records in the database.

5. Reporting & Analysis

- Generate reports for stock, sales trends, and performance.
- Export reports in PDF format .

ABSTRACT

The purpose of the Pharmacy Management System is to automate the existing manual system through a comprehensive computerized solution, ensuring efficient data management, accessibility, and security. This system enables streamlined operations, reducing the dependency on paper records and manual processes while ensuring that critical pharmaceutical data is stored, accessed, and manipulated efficiently. The required hardware and software components are readily available, making the system easy to implement and maintain.

The Pharmacy Management System primarily focuses on managing key aspects such as Medication Inventory, Sales Transactions, Customer Records, Suppliers, and Expiry Tracking. It maintains records of stock levels, prescriptions, sales history, and supplier details, ensuring smooth pharmaceutical operations. The system is designed with an administrative control structure, allowing only authorized personnel to access and manage data efficiently. The objective of this project is to develop a robust software solution that optimizes the management of medication stock, minimizes errors, enhances operational efficiency, and ensures timely tracking of low-stock and expiring medicines, ultimately improving pharmaceutical service delivery.

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Introduction

The Pharmacy Management System (PMS) is a modern, digital solution designed to manage the day-to-day operations of pharmacies and medical stores. With increasing demand for automation in healthcare services, a reliable and efficient system for managing inventory, sales, prescriptions, and customer data has become essential. This project focuses on developing a software application that streamlines pharmacy processes, improves accuracy, reduces manual workload, and ensures timely medication management. The system enables pharmacists and administrators to oversee medicine stocks, monitor expiry dates, and manage sales transactions with minimal effort.

Rationale

In traditional pharmacies, manual methods such as paper records or basic spreadsheets are still widely used for inventory tracking and customer management. These approaches are prone to human error, lack of scalability, and make it difficult to quickly access or update critical data. The need for a centralized, digital system is vital to ensure real-time tracking of medicines, avoid stockouts, identify soon-to-expire items, and generate insightful reports. PMS addresses these limitations by automating

core functionalities and introducing real-time control over pharmacy inventory and operations. It also helps ensure compliance with safety standards and improves customer satisfaction through faster service and accurate record-keeping.

Objectives

- To develop a user-friendly, secure, and efficient application for managing pharmacy inventory and operations.
- To enable real-time tracking of stock levels and provide alerts for low-stock and expiring medications.
- To maintain a comprehensive database of medications, including generic names, categories, and manufacturers.
- To allow for easy updates and management of medication details, including unit price and dosage.
- To enhance the overall efficiency of the pharmacy by reducing manual tasks and minimizing errors.
- To ensure secure login and data access only for authorized personnel (e.g., admins, pharmacists).
- To generate reports for stock, sales, and medication alerts for better decision-making.

Need of PMS Inventory

Inventory management is a crucial part of any pharmacy's daily operations. Without proper tracking, a pharmacy can face challenges such as overstocking, stockouts, expired medications, and financial loss. A Pharmacy Management System helps maintain the balance between demand and supply by continuously monitoring inventory levels, updating them in real time with each sale or purchase, and triggering alerts when a particular medication is running low or nearing expiry. The system ensures that patients have uninterrupted access to necessary medications while reducing waste and improving the financial efficiency of the pharmacy.

Functionalities

- Admin Login and Authentication
- Add, Edit, or Delete Medications
- Track Stock Quantity and Expiry Dates
- Low-Stock and Expiry Alerts
- Segmentation Medicines by Category, Name, or Manufacturer
- Record Sales and Generate Invoices
- Generate Reports for Inventory and Sales

- Manage Suppliers and Delivery Information
- Backup and Restore Database Functionality
- User Management and Access Control

Features

- Intuitive and responsive user interface for ease of use
- Secure login system to restrict unauthorized access
- Medication records with full details (name, dosage, price, manufacturer, category)
- Dynamic tables to display stock status, categorized by expiry, type, or quantity
- Dashboard for quick overview of total stock, expiring medicines, and sales metrics
- Automated alerts for low-stock and soon-expiring medications
- Invoice generation feature for customer billing
- Support for adding generic and branded medications
- Easy-to-maintain and scalable backend system
- Printable reports for administration and audit purposes

Technology Used

To build a robust, dynamic, and responsive Pharmacy Management System, several core web development technologies were used. Each plays a distinct role in building the user interface, server-side logic, and interaction design of the ..

HTML (HyperText Markup Language)

HTML is the foundational language used for creating the structure and layout of web pages. In this project, HTML is used to design the interface of the pharmacy system including forms, tables, input fields, buttons, and overall page structure. It ensures proper content organization and helps define the visual flow of the application.

PHP (Hypertext Preprocessor)

PHP is a powerful server-side scripting language used to develop the backend of the Pharmacy Management System. It handles core functionalities such as user authentication, database interaction, inventory logic, record updates, and dynamic data rendering. PHP communicates with the MySQL database to store, retrieve, and manipulate data efficiently and securely.

CSS (Cascading Style Sheets)

CSS is used to style the HTML components of the system. It ensures the visual design is clean, professional, and user-friendly. Through CSS, components such as buttons, tables, alerts, and dashboards are styled to improve usability and appearance, making the system responsive and aesthetically pleasing across different devices.

Tools Used

XAMPP

XAMPP is an open-source cross-platform web server solution package developed by Apache Friends, which includes Apache HTTP Server, MySQL database, and interpreters for PHP and Perl. XAMPP is used in this project as the local development environment.

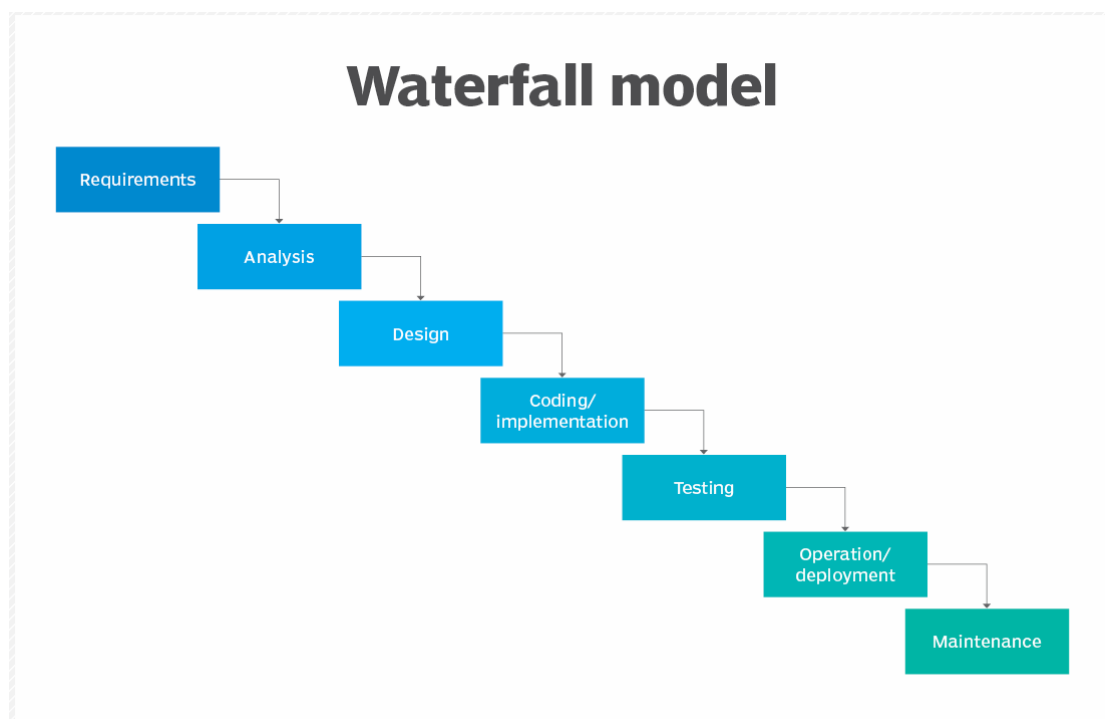
Key components:

- Apache: Hosts and serves the web application locally.
- MySQL: Stores all the database tables including medications, sales, staff, and customers.

- PHP: Executes server-side logic using the embedded PHP engine.
- phpMyAdmin: Provides a GUI to manage the MySQL database visually.

XAMPP provides a simple and effective platform for testing and developing the PMS system on a local machine before deployment.

Methodology Development Model



For the development of the Pharmacy Management System (PMS), the Waterfall Model was adopted. This

traditional software development methodology provides a clear, structured approach, ideal for projects with well-defined requirements and scope.

The Waterfall Model is composed of sequential phases:

1. Requirement Analysis – Understanding the system requirements by collecting data from real pharmacy operations.
2. System Design – Defining the software architecture, data flow, database schema, and user interfaces.
3. Implementation – Writing the actual code for the front-end, back-end, and database modules.
4. Testing – Conducting rigorous testing of the software to identify and fix bugs, and to ensure the system performs as expected.
5. Deployment – Installing the system for end users and configuring it for a production environment.
6. Maintenance – Handling updates, bug fixes, and enhancements based on user feedback.

This model ensures each phase is completed before the next one begins, maintaining clarity and control over project development.

System Design Model



The PMS is designed using a three-tier architecture that separates the user interface, application logic, and database layers:

1. Presentation Layer (Front-End)

- Built using HTML, CSS, and JavaScript
- Provides user interfaces for admin and customers
- Allows input forms, search functionality, and report viewing

2. Business Logic Layer (Application)

- Developed in PHP
- Contains core logic for inventory management, alerts, sales processing, and authentication
- Handles CRUD operations for medications and user management

3. Data Layer (Database)

- MySQL is used for data storage
- Manages tables like medications, users, sales, and suppliers
- Enforces relationships using primary and foreign keys for data integrity

Admin Workflow Process

The admin user has full access to all system functionalities and workflows. The typical process flow includes:

1. Login through secure credentials
2. Dashboard view with summaries of total medications, low stock, and recent sales
3. Add/Edit/Delete medications with details like name, dosage, price, category, and expiry date
4. Monitor stock levels and receive alerts for low inventory

or upcoming expiries

5. Record and manage sales transactions and generate invoices

6. View, filter, and export reports (inventory, sales, expiring medications)

7. Backup and restore data for security and data recovery

Database Design

Schema Design

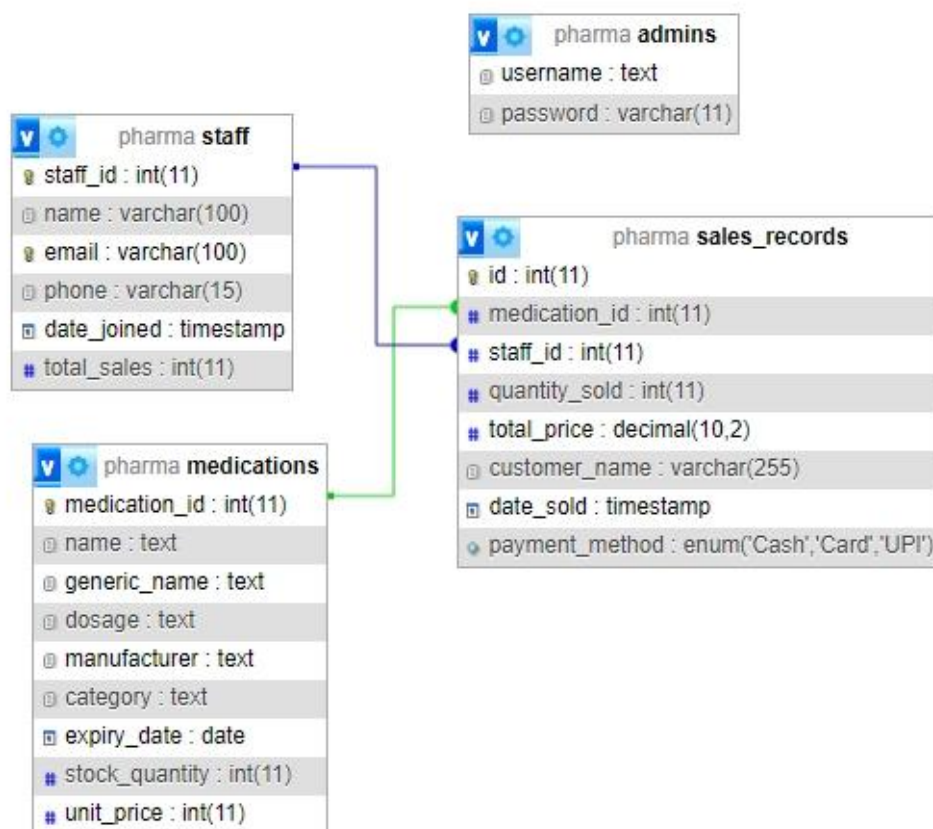





























Table Design





























Admin Table:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	username	 varchar(50)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/> 2	password	text	utf8mb4_general_ci		No	None			 Change  Drop  More




























Staff Table:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	staff_id	 int(11)			No	None			 Change  Drop  More
<input type="checkbox"/> 2	name	varchar(100)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/> 3	email	 varchar(100)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/> 4	phone	varchar(15)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/> 5	date_joined	timestamp			No	current_timestamp()			 Change  Drop  More
<input type="checkbox"/> 6	total_sales	int(11)			Yes	0			 Change  Drop  More

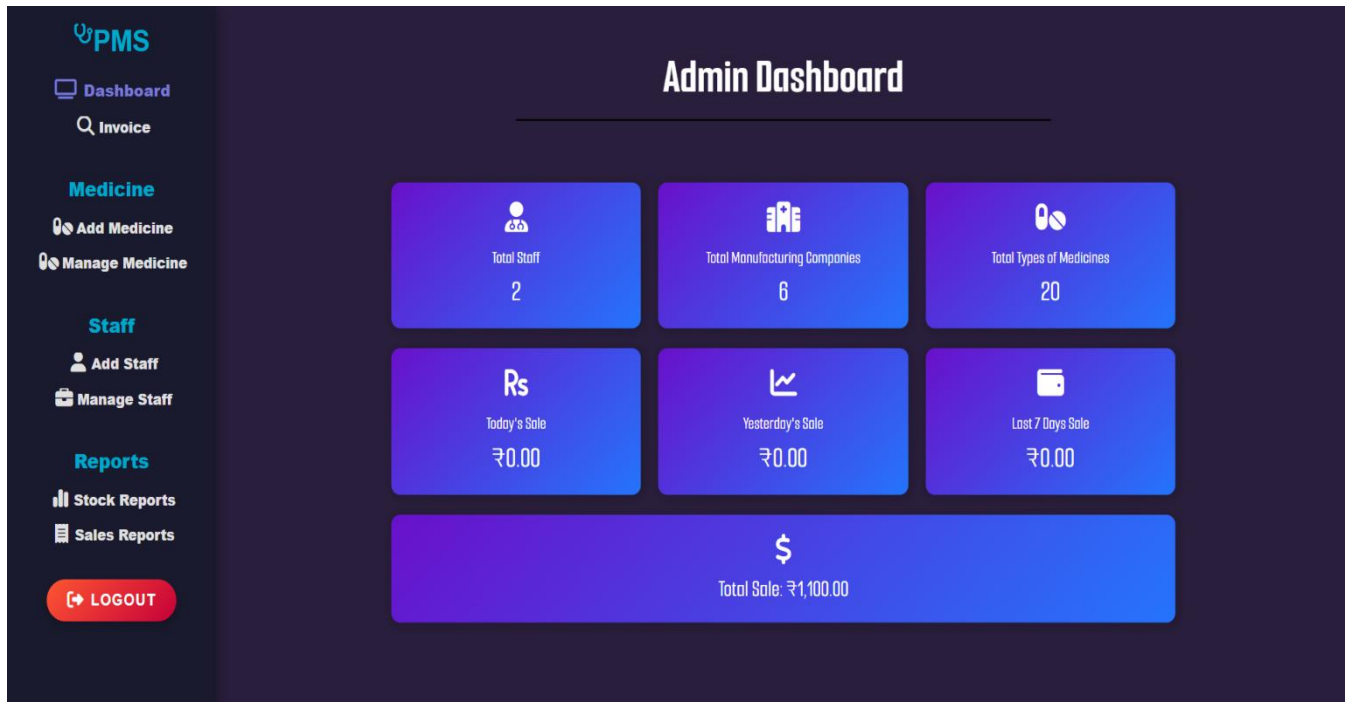
Medications Table:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	medication_id	 int(11)			No	None		AUTO_INCREMENT	 Change  Drop  More
<input type="checkbox"/> 2	name	text	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/> 3	generic_name	text	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/> 4	dosage	text	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/> 5	manufacturer	text	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/> 6	category	text	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/> 7	expiry_date	date			No	None			 Change  Drop  More
<input type="checkbox"/> 8	stock_quantity	int(11)			No	None			 Change  Drop  More
<input type="checkbox"/> 9	unit_price	float			No	None			 Change  Drop  More

Sales Table:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	 int(11)			No	None		AUTO_INCREMENT	 Change  Drop  More
<input type="checkbox"/> 2	medication_id	 int(11)			No	None			 Change  Drop  More
<input type="checkbox"/> 3	staff_id	 int(11)			No	None			 Change  Drop  More
<input type="checkbox"/> 4	quantity_sold	int(11)			No	None			 Change  Drop  More
<input type="checkbox"/> 5	total_price	decimal(10,2)			No	None			 Change  Drop  More
<input type="checkbox"/> 6	customer_name	varchar(255)	utf8mb4_general_ci		Yes	NULL			 Change  Drop  More
<input type="checkbox"/> 7	date_sold	timestamp			No	current_timestamp()			 Change  Drop  More
<input type="checkbox"/> 8	payment_method	enum('Cash', 'Card', 'UPI')	utf8mb4_general_ci		No	None			 Change  Drop  More


OUTPUT



The Record Sale form is displayed on the right side of the dashboard. The sidebar on the left is identical to the one in the previous screenshot. The form itself is titled "Record Sale" and contains the following fields:

- Staff:** A dropdown menu with the selected option "ram (ID: 1)".
- Medicine:** A dropdown menu with the selected option "e - ₹10 (Stock: 100)".
- Quantity:** An empty text input field.
- Customer Name:** An empty text input field.
- Payment Method:** A dropdown menu with the selected option "Cash".

A blue button labeled "RECORD SALE" is located at the bottom right of the form.



Dashboard

Invoice

Medicine

Add Medicine

Manage Medicine

Staff

Add Staff

Manage Staff

Reports

Stock Reports

Sales Reports

LOGOUT

Add Staff Member


Staff ID

Full Name

Email

Phone Number

ADD STAFF



Dashboard

Invoice

Medicine

Add Medicine

Manage Medicine

Staff

Add Staff

Manage Staff

Reports

Stock Reports

Sales Reports

LOGOUT

Staff Members

ID	Name	Email	Phone	Date Joined	Total Sales	Action
2	HariSingh	hari@gmail.com	5775646745	2025-04-19 11:28:53	0	Delete
1	ram	ram108@gmail.com	1234567890	2025-04-19 11:28:24	0	Delete



Dashboard

Invoice

Medicine

Add Medicine

Manage Medicine

Staff

Add Staff

Manage Staff

Reports

Stock Reports

Sales Reports

LOGOUT

Stock Report

Medicines Categorized by Type

Pain Reliever

Medicine Name	Stock Quantity	Expiry Date
Paracetamol	200	2026-12-31
Ibuprofen	220	2027-03-20

Antibiotic

Medicine Name	Stock Quantity	Expiry Date
Amoxicillin	150	2025-11-30
Azithromycin	170	2025-09-10
Ciprofloxacin	130	2025-07-31

Antihistamine

Medicine Name	Stock Quantity	Expiry Date
Cetirizine	180	2026-08-15



Dashboard

Invoice

Medicine

Add Medicine

Manage Medicine

Staff

Add Staff

Manage Staff

Reports

Stock Reports

Sales Reports

LOGOUT

Sales Report

Start Date: 01-04-2025 End Date: 11-04-2025 Filter

Date	Sale Recored By	Total Sales (₹)
2025-04-10 19:52:31	1	₹1,250.00
	Total Sales (₹)	₹1,250.00

Download PDF

HTML

Dashboard.php

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Admin Dashboard</title>
  <link rel="stylesheet" href="static/Dashboard.css">
  <script src="https://kit.fontawesome.com/a076d05399.js" crossorigin="anonymous"></script>
  <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet">
</head>

<body>
  <h1>Admin Dashboard</h1>
  <hr>
  <div class="dashboard-container">
    <div class="dashboard-card">
      <i class="fas fa-user-md"></i>
      <h5>Total Staff</h5>
      <p><?php echo $staff ?></p>
    </div>
    <div class="dashboard-card">
      <i class="fas fa-hospital"></i>
      <h5>Total Manufacturing Companies</h5>
      <p><?php echo $companies ?></p>
    </div>
    <div class="dashboard-card">
      <i class="fas fa-pills"></i>
      <h5>Total Types of Medicines</h5>
      <p><?php echo $medicines ?></p>
    </div>
    <div class="dashboard-card">
      <i class="fas fa-rupee-sign"></i>
      <h5>Today's Sale</h5>
      <p><?php echo number_format($todays_sales, 2) ?></p>
    </div>
    <div class="dashboard-card">
      <i class="fas fa-chart-line"></i>
      <h5>Yesterday's Sale</h5>
      <p><?php echo number_format($yesterdays_sales, 2) ?></p>
    </div>
    <div class="dashboard-card">
      <i class="fas fa-wallet"></i>
      <h5>Last 7 Days Sale</h5>
      <p><?php echo number_format($last_seven_days_sales, 2) ?></p>
    </div>
    <div class="dashboard-card full-width">
      <i class="fas fa-dollar-sign"></i>
```

interface.php

```
7 <!DOCTYPE html>
8 <html lang="en">
9
10 <head>
11     <meta charset="UTF-8">
12     <meta name="viewport" content="width=device-width, initial-scale=1.0">
13     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.7.2/css/all.min.css" />
14     <link rel="stylesheet" href="static/Interface.css">
15     <title>Document</title>
16 </head>
17
18 <body>
19
20     <nav class="navbar">
21         <h1><i class="fa-solid fa-stethoscope"></i>PMS</h1>
22         <ul class="nav_list">
23             <div>
24                 <li><a class="nav_elements active" href="#" onclick="load('Dashboard.php',this)"><i class="fas fa-tv"></i> Dashboard</a></li>
25                 <li><a class="nav_elements" href="#" onclick="load('invoice.php',this)"><i class="fa-solid fa-magnifying-glass"></i> Invoice</a></li>
26             </div><br>
27             <div>
28                 <p>Medicine</p>
29                 <li><a class="nav_elements" href="#" onclick="load('add_medications.php',this)"><i class="fa-solid fa-pills"></i> Add Medicine</a></li>
30                 <li><a class="nav_elements" href="#" onclick="load('manage_medications.php',this)"><i class="fa-solid fa-pills"></i> Manage Medicine</a></li>
31             </div><br>
32             <div>
33                 <p>Staff</p>
34                 <li><a class="nav_elements" href="#" onclick="load('add_staff.php',this)"><i class="fa-solid fa-user"></i> Add Staff</a></li>
35                 <li><a class="nav_elements" href="#" onclick="load('staff_list.php',this)"><i class="fa-solid fa-briefcase"></i> Manage Staff</a></li>
36             </div><br>
37             <div>
38                 <p>Reports</p>
39                 <li><a class="nav_elements" href="#" onclick="load('stock_report.php',this)"><i class="fa-solid fa-chart-simple"></i> Stock Reports</a></li>
40                 <li><a class="nav_elements" href="#" onclick="load('sales_report.php',this)"><i class="fa-solid fa-receipt"></i> Sales Reports</a></li>
41             </div>
42             <div>
43                 <div class="logout">
44                     <form action="logout.php" method="post">
45                         <button type="submit"><i class="fas fa-sign-out-alt"></i> Logout</button>
46                     </form>
47                 </div>
48             </div>
49         </ul>
50     </nav>
51     <iframe class="contents" id="content" src="Dashboard.php" frameborder="0"></iframe>
```


index.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="static/index.css">
  <script src="index.js"></script>
  <title>PMS</title>
</head>
<body>
  <div class="Login_card">
    <h1>Pharmacy Management System</h1>
    <a href="login.php" class="login_A">Admin Login</a>
  </div>
  <video autoplay muted loop class="Video_BG">
    <source src="static/4074432-hd_1280_720_25fps.mp4" type="video/mp4">
    Your browser does not support the video tag.
  </video>
</body>
</html>
```

logout.php

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Admin-Login</title>
  <link rel="stylesheet" href="static/login.css">
  <link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css' rel='stylesheet'>
</head>

<body>
  <div class="box">
    <form action="<?php echo $_SERVER['PHP_SELF']; ?>" method="POST">
      <h1>Admin</h1>
      <div class="input_box">
        <input type="text" name="username" placeholder="Username" required>
        <i class='bx bxs-user'></i>
      </div>
      <div class="input_box">
        <input type="password" name="password" placeholder="Password" required>
        <i class='bx bx-lock-alt'></i>
      </div>
      <button type="submit" class="btn">Login</button>
    </form>
    <div id="loginForm"></div>
  </div>
</body>

</html>
```

Invoice.php

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Pharmacy Sales Management</title>
    <link rel="stylesheet" href="static/invoice.css">
</head>

<body>
    <div class="container">
        <h1>Record Sale</h1>
        <form method="post">
            <label>Staff:</label>
            <select name="staff_id">
                <?php while ($row = $staff_members->fetch_assoc()) { ?>
                    <option value="<?= $row['staff_id'] ?>">
                        <?= $row['name'] ?> (ID: <?= $row['staff_id'] ?>)
                    </option>
                <?php } ?>
            </select><br>

            <label>Medicine:</label>
            <select name="medication_id">
                <?php while ($row = $medicines->fetch_assoc()) { ?>
                    <option value="<?= $row['medication_id'] ?>">
                        <?= $row['name'] ?> - ₹<?= $row['unit_price'] ?> (Stock: <?= $row['stock_quantity'] ?>)
                    </option>
                <?php } ?>
            </select><br>

            <label>Quantity:</label>
            <input type="number" name="quantity" required><br>

            <label>Customer Name:</label>
            <input type="text" name="customer_name"><br>

            <label>Payment Method:</label>
            <select name="payment_method">
                <option value="Cash">Cash</option>
                <option value="Card">Card</option>
                <option value="UPI">UPI</option>
            </select><br>
        </form>
    </div>
</body>
</html>
```

Manage_medications.php

```
<!DOCTYPE html>
<html>

<head>
    <title>Manage Medications</title>
    <link rel="stylesheet" href="static/med.css">
</head>

<body>
    <div class="container">
        <div class="med_list">
            <h2 class="mlist">Medication List</h2>
            <table>
                <thead>
                    <tr>
                        <th>Medication ID</th>
                        <th>Medication Name</th>
                        <th>Generic Name</th>
                        <th>Dosage</th>
                        <th>Manufacturer</th>
                        <th>Category</th>
                        <th>Expiry Date</th>
                        <th>Stock Quantity</th>
                        <th>Unit Price</th>
                        <th>Actions</th>
                    </tr>
                </thead>
                <tbody>
                    <?php if (count(value: $medications) > 0): ?>
                        <?php foreach ($medications as $medication): ?>
                            <tr>
                                <td><?php echo $medication['medication_id']; ?></td>
                                <td><?php echo $medication['name']; ?></td>
                                <td><?php echo $medication['generic_name']; ?></td>
                                <td><?php echo $medication['dosage']; ?></td>
                                <td><?php echo $medication['manufacturer']; ?></td>
                                <td><?php echo $medication['category']; ?></td>
                                <td><?php echo $medication['expiry_date']; ?></td>
                                <td><?php echo $medication['stock_quantity']; ?></td>
                                <td><?php echo $medication['unit_price']; ?></td>
                                <td>
                                    <form action="edit_medications.php" method="get">
                                        <input type="hidden" name="id" value="<?php echo $medication['medication_id']; ?>">
                                        <button class="edit" type="submit">Edit</button>
                                    </form>
                                </td>
                            </tr>
                        <?php endforeach; ?>
                    <?php else: ?>
                        <tr>
                            <td colspan="9">No medications found.</td>
                        </tr>
                    <?php endif; ?>
                </tbody>
            </table>
        </div>
    </div>
</body>
</html>
```

Sales_report.php

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Sales Report</title>
    <link rel="stylesheet" href="static/sales_report.css">
</head>

<body>

    <div class="container">
        <h1>Sales Report</h1>
        <form method="GET">
            <label for="start_date">Start Date:</label>
            <input type="date" name="start_date" value="<?=$start_date ?>" required>

            <label for="end_date">End Date:</label>
            <input type="date" name="end_date" value="<?=$end_date ?>" required>

            <button type="submit">Filter</button>
        </form>

        <table>
            <tr>
                <th>Date</th>
                <th>Sale Recored By</th>
                <th>Total Sales (₹)</th>
            </tr>
            <?php
                $grand_total = 0;
                while ($row = $result->fetch_assoc()) {
                    $grand_total += $row['total_sales'];
                }
            <tr>
                <td><?=$row['date_sold'] ?></td>
                <td><?=$row['staff_id'] ?></td>
                <td>₹<?= number_format(num: $row['total_sales'], decimals: 2) ?></td>
            </tr>
            <?php } ??
            <tr>
                <th></th>
                <th>Total Sales (₹)</th>
                <th>₹<?= number_format(num: $grand_total, decimals: 2) ?></th>
            </tr>
        </table>

        <br>
        <form action="export_sales_pdf.php" method="GET">
            <input type="hidden" name="start_date" value="<?=$start_date ?>">
            <input type="hidden" name="end_date" value="<?=$end_date ?>">
            <button type="submit">Download PDF</button>
        </form>
    </div>

</body>

</html>
```

Staff_list.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
    header(header: "Location: login.php");
}
include 'Db_Config.php';
$staff = $con->query(query: "SELECT * FROM staff ORDER BY date_joined DESC");
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Staff List</title>
</head>

<body>
    <div class="container">
        <h1>Staff Members</h1>
        <table>
            <tr>
                <th>ID</th>
                <th>Name</th>
                <th>Email</th>
                <th>Phone</th>
                <th>Date Joined</th>
                <th>Total Sales</th>
            </tr>
            <?php while ($row = $staff->fetch_assoc()) { ?>
                <tr>
                    <td><?= $row['staff_id'] ?></td>
                    <td><?= $row['name'] ?></td>
                    <td><?= $row['email'] ?></td>
                    <td><?= $row['phone'] ?></td>
                    <td><?= $row['date_joined'] ?></td>
                    <td><?= $row['total_sales'] ?></td>
                </tr>
            <?php } ?>
        </table>
    </div>
</body>

</html>
```

stock_report.php

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Stock Report</title>
    <link rel="stylesheet" href="static/stock_report.css">
</head>

<body>
    <div class="container">
        <h1>Stock Report</h1>

        <!-- Expired Medicines -->
        <?php if (count(value: $expired_medicines) > 0) { ?>
            <h2 class="section-title">🔴 Expired Medicines</h2>
            <table border="1">
                <tr>
                    <th>Medicine Name</th>
                    <th>Category</th>
                    <th>Stock Quantity</th>
                    <th>Expiry Date</th>
                </tr>
                <?php foreach ($expired_medicines as $med) { ?>
                    <tr>
                        <td><?= $med['name'] ?></td>
                        <td><?= $med['category'] ?></td>
                        <td><?= $med['stock_quantity'] ?></td>
                        <td class="expiring"><?= $med['expiry_date'] ?></td>
                    </tr>
                </tr>
            </table>
        <?php } ?>

        <!-- Expiring Medicines -->
        <?php if (count(value: $expiring_medicines) > 0) { ?>
            <h2 class="section-title">🟡 Expiring Medicines (Next 30 Days)</h2>
            <table border="1">
                <tr>
                    <th>Medicine Name</th>
                    <th>Category</th>
                    <th>Stock Quantity</th>
                    <th>Expiry Date</th>
                </tr>
```

```

    </tr>
    <?php foreach ($expiring_medicines as $med) { ?>
        <tr>
            <td><?= $med['name'] ?></td>
            <td><?= $med['category'] ?></td>
            <td><?= $med['stock_quantity'] ?></td>
            <td class="expiring"><?= $med['expiry_date'] ?></td>
        </tr>
    <?php } ?>
</table>
<?php } ?>

<!-- Low Stock Medicines -->
<?php if (count(value: $low_stock_medicines) > 0) { ?>
    <h2 class="section-title">🔴 Low Stock Medicines (Below <?= $low_stock_threshold ?> Units)</h2>
    <table border="1">
        <tr>
            <th>Medicine Name</th>
            <th>Type</th>
            <th>Stock Quantity</th>
        </tr>
        <?php foreach ($low_stock_medicines as $med) { ?>
            <tr>
                <td><?= $med['name'] ?></td>
                <td><?= $med['category'] ?></td>
                <td class="low-stock"><?= $med['stock_quantity'] ?></td>
            </tr>
        <?php } ?>
    </table>
<?php } ?>

<!-- Medicines by Type -->
<?php if (count(value: $medicine_types) > 0) { ?>
    <h2 class="section-title">🟢 Medicines Categorized by Type</h2>
    <?php foreach ($medicine_types as $type => $med_list) { ?>
        <h3 class="type-header"><?= $type ?></h3>
        <table border="1">
            <tr>
                <th>Medicine Name</th>
                <th>Stock Quantity</th>
            </tr>
        </table>
    <?php } ?>
</div>

```

CSS

```
<th>Expiry Date</th>
</tr>
<?php foreach ($med_list as $med) { ?>
    <tr>
        <td><?= $med['name'] ?></td>
        <td><?= $med['stock_quantity'] ?></td>
        <td><?= $med['expiry_date'] ?></td>
    </tr>
<?php } ?>
</table>
<?php } ?>
</div>
</body>

</html>
```


Dashboard.css

```
@import url('https://fonts.googleapis.com/css2?family=Lexend+Giga:wght@100..900&family=Lexend:wght@100..900&family=Montserrat:ital,wght@0,100..900;1,100..900&family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&family=Roboto+Flex:opsz,wght@8..144,100..1000&family=Smooch+Sans:wght@100..900&display=swap');

* {
  margin: 0;
  padding: 0;
  font-family: "Smooch Sans", serif;
  font-optical-sizing: auto;
  font-weight: 500;
  font-style: normal;
}

body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  display: flex;
  align-items: center;
  height: 100vh;
  background-color: #291e3b;
}

h1 {
  position: absolute;
  top: 10%;
  left: 45%;
  transform: translate(-50%, -50%);
  align-items: center;
  justify-content: center;
  font-size: 50px;
  color: white;
  font-weight: bold;
  text-decoration: none;
}

hr {
  position: absolute;
  top: 16%;
  left: 45%;
  transform: translate(-50%, -50%);
  border: none;
  height: 2px;
  border-radius: 5px;
  background-color: #000;
}
```

interface.css

```
@import url('https://fonts.googleapis.com/css2?family=Lexend+Giga:wght@100..900&family=Lexend:wght@100..900&family=Montserrat:ital,wght@0,100..900;1,100..900&family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&family=Roboto+Flex:opsz,wght@8..144,100..1000&family=Smooch+Sans:wght@100..900&display=swap');

* {
  margin: 0;
  padding: 0;
  font-family: 'Roboto', sans-serif;
  font-weight: 700;
  font-size: 20px;
}

body {
  margin: 0;
  overflow: hidden;
  width: 100%;
  height: 100%;
  scrollbar-width: none;
}

::-webkit-scrollbar {
  display: none;
}

.navbar {
  position: absolute;
  top: 0;
  bottom: 0;
  background: #fff;
  scrollbar-width: none;
  overflow-y: auto;
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
  z-index: 1;
  width: 240px;
  max-height: 100vh;
}

ul li {
  list-style-type: none;
}

ul li a {
  display: block;
  color: #e0e0e0;
```

```
text-decoration: none;
text-align: center;
font-size: 15px;
font-weight: bolder;
margin: 14px;
}

p {
  font-size: 20px;
  font-weight: bolder;
  text-align: center;
}

ul li a i {
  text-align: center;
  width: 30px;
}

nav h1 {
  position: relative;
  display: flex;
  justify-content: center;
  margin: 20px;
  font-size: 30px;
  color: #00a8cc;
}

.contents {
  position: absolute;
  top: 0;
  right: 0;
  bottom: 0;
  left: 13%;
  width: 100%;
  height: 100%;
  border: none;
  overflow: scroll;
}

.navbar {
  background-color: #1a1a2e;
}
```

invoice.css

```
@import url('https://fonts.googleapis.com/css2?family=Lexend+Giga:wght@100..900&family=Lexend:wght@100..900&family=Montserrat:ital,wght@0,100..900;1,100..900&family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&family=Roboto+Flex:opsz,wght@8..144,100..1000&family=Smooch+Sans:wght@100..900&display=swap');

body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: #291e3b;
  color: #333;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
}

.container {
  background: #fff;
  padding: 20px;
  border-radius: 10px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
  width: 400px;
}

h1 {
  text-align: center;
  color: #291e3b;
  font-family: "Smooch Sans", serif;
  font-optical-sizing: auto;
  font-weight: 800;
  font-size: 50px;
  font-style: normal;
  text-align: center;
}

label {
  display: block;
  margin-top: 10px;
  font-weight: bold;
}

select,
input,
button {
  width: 100%;
```

```
button {  
  width: max-content;  
  background: linear-gradient(135deg, #007bff, #0056b3);  
  color: white;  
  border: none;  
  padding: 12px;  
  font-size: 18px;  
  font-weight: bold;  
  text-transform: uppercase;  
  cursor: pointer;  
  border-radius: 8px;  
  transition: all 0.3s ease-in-out;  
  box-shadow: 0px 4px 6px rgba(0, 123, 255, 0.3);  
  letter-spacing: 1px;  
  position: relative;  
  bottom: -5px;  
  margin-left: 30%;  
}
```

```
button:hover {  
  background: linear-gradient(135deg, #0056b3, #003d7a);  
  box-shadow: 0px 6px 10px rgba(0, 85, 204, 0.5);  
  transform: translateY(-2px);  
}
```

```
button:active {  
  transform: translateY(1px);  
  box-shadow: 0px 2px 4px rgba(0, 85, 204, 0.3);  
}
```

```
.message {  
  text-align: center;  
  font-weight: bold;  
  margin-top: 10px;  
}
```

```
.message.success {  
  color: green;  
}
```

```
.message.error {  
  color: red;  
}
```

login.css

```
@import url('https://fonts.googleapis.com/css2?family=Lexend+Giga:wght@100..900&family=Lexend:wght@100..900&family=Montserrat:ital,wght@0,100..900;1,100..900&family=Roboto+Flex:opsz,wght@8..144,100..1000&family=Smooch+Sans:wght@100..900&display=swap');

* {
  margin: 0;
  padding: 0;
}

body {
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  background-image: url('10529590.jpg');
  background-position: center;
  background-size: cover;
}

.box {
  width: 420px;
  height: 300px;
  color: #fff;
  border-radius: 10px;
  padding: 40px 30px;
  border: 2px solid #1e71cf;
  backdrop-filter: blur(15px);
  box-shadow: 0px 0px 5px black ;
}

.box h1 {
  font-size: 36px;
  text-align: center;
  font-family: "Montserrat", serif;
  font-optical-sizing: auto;
  font-weight: 20px;
  font-style: normal;
  color: #1e71cf;
}

.box .input_box {
  position: relative;
  width: 100%;
  height: 50px;
  margin: 30px 0;
```

```
.input_box input {
  width: 95%;
  height: 100%;
  border: none;
  outline: none;
  border: 2px solid rgba(255, 255, 255, 2);
  border-radius: 40px;
  padding-left: 15px;
  background-color: #91bcec;
}

.input_box input::placeholder {
  color: #111010;
  font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
  font-size: medium;
}

.input_box i {
  position: absolute;
  right: 15px;
  top: 50%;
  transform: translateY(-50%);
  color: black;
}

.box .btn {
  position: absolute;
  top: 80%;
  left: 35%;
  width: 30%;
  height: 45px;

  background-color: #1e71cf;
  border: none;
  outline: none;
  border-radius: 40px;
  cursor: pointer;
  font-size: 16px;
  font-weight: 600;
  color: #fff;
}

.btn:hover {
  background-color: #4991e5;
  color: #f8fbff;
}
```

```
    color: ■ #f8fbff;
}

.head {
    position: absolute;
    top: 10px;
    color: ■ white;
    font-size: 60px;

    font-size: 36px;
    text-align: center;
    font-family: "Montserrat", serif;
    font-optical-sizing: auto;
    font-weight: 20px;
    font-style: normal;
}

.error-message {
    color: ■ red;
    text-align: center;
    font-family: "Montserrat", serif;
    margin-bottom: 5px;
}
```


index.css

```
@import url('https://fonts.googleapis.com/css2?family=Lexend+Giga:wght@100..900&family=Montserrat:ital,wght@0,100..900;1,100..900&family=Smooch+Sans:wght@100..900&display=swap');
@import url('https://fonts.googleapis.com/css2?family=Lexend+Giga:wght@100..900&family=Montserrat:ital,wght@0,100..900;1,100..900&family=Roboto+Flex:opsz,wght@8..144,100..1000&family=Smooch+Sans:wght@100..900&display=swap');

.Video_BG {
  position: fixed;
  top: 0;
  bottom: 0;
  object-fit: cover;
  width: 100%;
  height: 100%;
  z-index: -1;
}

body {
  margin: 0;
  overflow: hidden;
  width: 100%;
  height: 100%;
}

.Login_card {
  position: absolute;
  top: 53%;
  left: 50%;
  transform: translate(-50%, -50%);
  width: 1000px;
  background-color: rgba(0, 0, 0, 0);
  padding: 20px;
  border-radius: 10px;
  text-align: center;
  color: #ffffff;
  font-family: "Montserrat", serif;
  font-optical-sizing: auto;
  font-style: normal;
  font-size: 25px;
  line-height: 60px;
}

.Login_card h1 {
  font-size: 60px;
  color: #ffffff;
}
```

med.css

```
@import url('https://fonts.googleapis.com/css2?family=Lexend+Giga:wght@100..900&family=Lexend:wght@100..900&family=Montserrat:ital,wght@0,100..900;1,100..900&family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&family=Roboto+Flex:opsz,wght@8..144,100..1000&family=Smooch+Sans:wght@100..900&display=swap');

* {
  font-family: "Smooch Sans", serif;
  font-optical-sizing: auto;
  font-weight: 500;
}

body {
  margin: 0;
  padding: 0;
  background-color: #291e3b;
}

h2 {
  font-family: "Smooch Sans", serif;
  font-weight: bolder;
  font-style: normal;
  position: relative;
  font-size: 4rem;
  color: #ddd;
}

.mlist {
  top: -40px;
  position: relative;
  left: 30%;
}

.container {
  position: relative;
  top: -5%;
  display: grid;
  grid-template-rows: repeat(2, 1fr);
  align-self: center;
  justify-items: center;
}

.med_list {
  max-width: max-content;
}
```

added.css

```
@import url('https://fonts.googleapis.com/css2?family=Lexend+Giga:wght@100..900&family=Lexend:wght@100..900&family=Montserrat:ital,wght@0,100..900;1,100..900&family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&family=RobotoFlex:opsz,wght@8..144,100..1000&family=Smooch+Sans:wght@100..900&display=swap');

*{
  margin: 0;
  padding: 0;
  font-family: "Smooch Sans", serif;
  font-optical-sizing: auto;
  font-weight: 500;
}

body
{
  background-color: #291e3b;
}

h2 {
  font-family: "Smooch Sans", serif;
  font-weight: bolder;
  font-style: normal;
  font-size: 5rem;
  position: relative;
  top: 10px;
  color: #ddd;
}

.container {
  position: absolute;
  top: -5%;
  left: 12%;
  display: grid;
  grid-template-rows: repeat(2, 1fr);
  align-self: center;
  justify-items: center;
}

.med_list {
  max-width: max-content;
}

input {
  width: 85%;
  height: 8%;
  margin-right: 30px;
  border-radius: 4px;
  font-weight: 400;
  font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
}
```

```
font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
margin: 10px 0;
padding: 20px;
}

input:focus {
  border-color: #5a9bff;
  box-shadow: 0px 0px 10px #5a9bff;
  outline: none;
}

label {
  color: #2257c2;
  font-size: 25px;
  display: block;
}

.mlist {
  justify-self: center;
  color: white;
  font-size: 50px;
  margin-bottom: 20px;
}

.ad {
  position: absolute;
  left: 35%;
  top: 5%;
  justify-self: center;
  font-size: 50px;
  margin-bottom: 50px;
}

.med_add {
  width: 1000px;
  border-radius: 10px;
  background-color: #e0e0e0;
  backdrop-filter: blur(10px);
  box-shadow: 0px 5px 6px rgb(255, 251, 251);
  height: 450px;
  position: relative;
  top: 30%;
}
```

```
.med_add form {
  padding: 20px;
  display: grid;
  grid-template-columns: repeat(3, 1fr);
  justify-content: center;
}

.submit {
  width: 95%;
  background: linear-gradient(135deg, #007bff, #0056b3);
  color: white;
  border: none;
  padding: 12px;
  font-size: 18px;
  font-weight: bold;
  text-transform: uppercase;
  cursor: pointer;
  border-radius: 8px;
  transition: all 0.3s ease-in-out;
  box-shadow: 0px 4px 6px rgba(0, 123, 255, 0.3);
  letter-spacing: 1px;
  position: relative;
  left: 100%;
  bottom: -30px;
}

.submit:hover {
  background: linear-gradient(135deg, #0056b3, #003d7a);
  box-shadow: 0px 6px 10px rgba(0, 85, 204, 0.5);
  transform: translateY(-2px);
}

.submit:active {
  transform: translateY(1px);
  box-shadow: 0px 2px 4px rgba(0, 85, 204, 0.3);
}

.edit{
  color: #131111;
}
```

editmed.css

```
@import url('https://fonts.googleapis.com/css2?family=Lexend+Giga:wght@100..900&family=Lexend:wght@100..900&family=Montserrat:ital,wght@0,100..900;1,100..900&family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&family=Roboto+Flex:opsz,wght@8..144,100..1000&family=Smooch+Sans:wght@100..900&display=swap');

body {
  font-family: Arial, sans-serif;
  background-color: #291e3b;
  margin: 0;
  padding: 0;
}

h1 {
  text-align: center;
  color: #ddd;
  margin-top: 20px;
  font-family: "Smooch Sans", serif;
  font-optical-sizing: auto;
  font-weight: 800;
  font-size: 50px;
  font-style: normal;
}

form {
  width: 600px;
  margin: 20px auto;
  background: #826dab;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 5px 10px rgba(0, 0, 0, 0.1);
  border: 3px solid black;
}

form div {
  margin-bottom: 15px;
}

label {
  font-size: 14px;
  font-weight: bold;
  color: #ddd;
  display: block;
  margin-bottom: 5px;
}
```

```

input[type="text"],
input[type="date"],
input[type="number"] {
  width: 100%;
  padding: 10px;
  margin: 5px 0 15px 0;
  border: 1px solid #101010;
  border-radius: 4px;
  box-sizing: border-box;
}

.submit {
  width: 40%;
  background: linear-gradient(135deg, #007bff, #0056b3);
  color: white;
  border: none;
  padding: 12px;
  font-size: 18px;
  font-weight: bold;
  text-transform: uppercase;
  cursor: pointer;
  border-radius: 8px;
  transition: all 0.3s ease-in-out;
  box-shadow: 0px 4px 6px rgba(0, 123, 255, 0.3);
  letter-spacing: 1px;
  position: relative;
  bottom: -5px;
  margin-left: 30%;
}

.submit:hover {
  background: linear-gradient(135deg, #0056b3, #003d7a);
  box-shadow: 0px 6px 10px rgba(0, 85, 204, 0.5);
  transform: translateY(-2px);
}

.submit:active {
  transform: translateY(1px);
  box-shadow: 0px 2px 4px rgba(0, 85, 204, 0.3);
}

.success,
.error {
  text-align: center;
  margin: 20px auto;
}

```

sales_report.css

```
body {
  font-family: Arial, sans-serif;
  background-color: #291e3b;
  text-align: center;
}

.container {
  width: 50%;
  margin: auto;
  background: #fff;
  padding: 20px;
  margin-top: 50px;
  border-radius: 10px;
  box-shadow: 0px 4px 8px rgba(0, 0, 0, 0.2);
}

h1 {
  color: #291e3b;
}

table {
  width: 100%;
  margin-top: 20px;
  border-collapse: collapse;
}

table, th, td {
  border: 1px solid #ddd;
  padding: 10px;
  text-align: left;
}

th {
  background-color: #291e3b;
  color: white;
}

form {
  margin-bottom: 20px;
}

button {
  background-color: #291e3b;
  color: white;
  padding: 10px;
}
```


stock_report.css

```
body {
  font-family: Arial, sans-serif;
  text-align: center;
  width: 100%;
  background-color: #291e3b;
}

h1 {
  color: #f4f4f4;
}

.section-title {
  background: #f4f4f4;
  padding: 10px;
  border-radius: 5px;
  margin-top: 30px;
}

.type-header {
  background: #ddd;
  padding: 5px;
  margin-top: 20px;
  border-radius: 5px;
  display: inline-block;
}

.container {
  width: 100vw;
  position: absolute;
  margin-top: 108%;
  left: 46%;
  transform: translate(-50%, -50%);
}

table {
  width: 80%;
  margin: auto;
  border-collapse: collapse;
}

th,
td {
  padding: 10px;
  text-align: center;
  border: 1px solid #ccc;
}
```

```
th,  
td {  
    padding: 10px;  
    text-align: center;  
    border: 1px solid #ccc;  
    background-color: #eaeaea;  
}
```

```
th {  
    background-color: #291e3b;  
    color: #ddd;  
}
```

```
.expiring {  
    color: orange;  
    font-weight: bold;  
}
```

```
.low-stock {  
    color: red;  
    font-weight: bold;  
}
```

PHP

Dashboard.php

```
<?php
session_start();

if (!isset($_SESSION['username'])) {
    header(header: "Location: login.php");
    exit();
}

include 'Db_Config.php';

$staff_result = $con->query(query: "SELECT COUNT(*) AS total_staff FROM staff");
$staff = $staff_result->fetch_assoc()['total_staff'];

$companies_result = $con->query(query: "SELECT COUNT(DISTINCT manufacturer) AS total_companies FROM medications");
$companies = $companies_result->fetch_assoc()['total_companies'];

$medicines_result = $con->query(query: "SELECT COUNT(*) AS total_medicines FROM medications");
$medicines = $medicines_result->fetch_assoc()['total_medicines'];

$today_sales_result = $con->query(query: "SELECT SUM(total_price) AS todays_sales FROM sales_records WHERE DATE(date_sold) = CURDATE()");
$today_sales = $today_sales_result->fetch_assoc()['todays_sales'] ?? 0;

$yesterday_sales_result = $con->query(query: "SELECT SUM(total_price) AS yesterdays_sales FROM sales_records WHERE DATE(date_sold) = CURDATE() - INTERVAL 1 DAY");
$yesterday_sales = $yesterday_sales_result->fetch_assoc()['yesterdays_sales'] ?? 0;

$last_seven_days_sales_result = $con->query(query: "SELECT SUM(total_price) AS last_seven_days_sales FROM sales_records WHERE date_sold >= CURDATE() - INTERVAL 7 DAY");
$last_seven_days_sales = $last_seven_days_sales_result->fetch_assoc()['last_seven_days_sales'] ?? 0;

$total_sales_result = $con->query(query: "SELECT SUM(total_price) AS total_sales FROM sales_records");
$total_sales = $total_sales_result->fetch_assoc()['total_sales'] ?? 0;
?>
```

dbconfig.php

```
<?php
$con = mysqli_connect(hostname: "localhost", username: "root", password: "", database: "pharma");
if ($con->connect_error) {
    die("Connection failed" . $con->connect_error);
}
?>
...

```

add_staff.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
    header(header: "Location: login.php");
}
include 'Db_Config.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $staff_id = $_POST['id'];
    $name = $_POST['name'];
    $email = $_POST['email'];
    $phone = $_POST['phone'];
    $sql = "INSERT INTO staff (staff_id, name, email, phone )
        VALUES ('$staff_id', '$name', '$email', '$phone')";

    if ($con->query(query: $sql) === TRUE) {
        $success_message = "Staff member added successfully!";
    } else {
        $error_message = "Error: " . $con->error;
    }
}
?>

```

add_medications.php

```
<?php
session_start();
if (!isset($_SESSION['username'])) {
    header(header: "Location: login.php");
}

include "Db_Config.php";

if (isset($_POST['submit'])) {
    $medication_id = $_POST['medication_id'];
    $medication_name = $_POST['medication_name'];
    $generic_name = $_POST['generic_name'];
    $dosage = $_POST['dosage'];
    $manufacturer = $_POST['manufacturer'];
    $category = $_POST['category'];
    $expiry_date = $_POST['expiry_date'];
    $stock_quantity = $_POST['stock_quantity'];
    $unit_price = $_POST['unit_price'];

    $sql = "INSERT INTO medications (medication_id,name, generic_name, dosage, manufacturer, category, expiry_date, stock_quantity, unit_price)
        VALUES ($medication_id,$medication_name, '$generic_name', '$dosage', '$manufacturer', '$category', '$expiry_date', '$stock_quantity', '$unit_price')";

    if (mysqli_query(mysql: $con, query: $sql)) {
        $success_message = "Medication added successfully!";
    } else {
        $error_message = "Error While Adding Medication ";
    }
}
?>
```

manage_medications.php

```
<?php

session_start();

if (!isset($_SESSION['username'])) {
    header(header: "Location: login.php");
}

include "Db_Config.php";

$sql = "SELECT * FROM medications";
$result = mysqli_query(mysql: $con, query: $sql);
$medications = array();

while ($row = mysqli_fetch_assoc(result: $result)) {
    $medications[] = $row;
}
?>

<!DOCTYPE html>
<html>

<head>
    <title>Manage Medications</title>
    <link rel="stylesheet" href="static/med.css">
</head>

<body>
    <div class="container">
        <div class="med_list">
            <h2 class="mlist">Medication List</h2>
            <table>
                <thead>
                    <tr>
                        <th>Medication ID</th>
                        <th>Medication Name</th>
                        <th>Generic Name</th>
                        <th>Dosage</th>
                        <th>Manufacturer</th>
                        <th>Category</th>
                        <th>Expiry Date</th>
                        <th>Stock Quantity</th>
                        <th>Unit Price</th>
                        <th>Actions</th>
                    </tr>
                </thead>
            </table>
        </div>
    </div>
</body>
</html>
```

```

<tbody>
  <?php if (count($medications) > 0): ?>
    <?php foreach ($medications as $medication): ?>
      <tr>
        <td><?php echo $medication['medication_id']; ?></td>
        <td><?php echo $medication['name']; ?></td>
        <td><?php echo $medication['generic_name']; ?></td>
        <td><?php echo $medication['dosage']; ?></td>
        <td><?php echo $medication['manufacturer']; ?></td>
        <td><?php echo $medication['category']; ?></td>
        <td><?php echo $medication['expiry_date']; ?></td>
        <td><?php echo $medication['stock_quantity']; ?></td>
        <td><?php echo $medication['unit_price']; ?></td>
        <td>
          <form action="edit_medications.php" method="get">
            <input type="hidden" name="id" value="<?php echo $medication['medication_id']; ?>">
            <button class="edit" type="submit">Edit</button>
          </form>
        </td>
      </tr>
    <?php endforeach; ?>
  <?php else: ?>
    <tr>
      <td colspan="9">No medications found.</td>
    </tr>
  <?php endif; ?>
</tbody>
</table>
</div>
</div>
</body>
</html>

```

edit_medications.php

```
<?php
session_start();
if (isset($_SESSION['username'])) {
    header(header: "Location: login.php");
}
include "Db_Config.php";
if (isset($_GET['id'])) {
    $medication_id = $_GET['id'];
    $sql = "SELECT * FROM medications WHERE medication_id = '$medication_id' ";
    $result = mysqli_query(mysql: $con, query: $sql);

    if (mysqli_num_rows(result: $result) > 0) {
        $medication = mysqli_fetch_assoc(result: $result);
    } else {
        header(header: "Location: manage_medications.php");
        exit();
    }
} else {
    header(header: "Location: manage_medications.php");
    exit();
}
if (isset($_POST['update'])) {
    $medication_name = $_POST['medication_name'];
    $generic_name = $_POST['generic_name'];
    $dosage = $_POST['dosage'];
    $manufacturer = $_POST['manufacturer'];
    $category = $_POST['category'];
    $expiry_date = $_POST['expiry_date'];
    $stock_quantity = $_POST['stock_quantity'];
    $unit_price = $_POST['unit_price'];
    $sql = "UPDATE medications SET
        name = '$medication_name',
        generic_name = '$generic_name',
        dosage = '$dosage',
        manufacturer = '$manufacturer',
        category = '$category',
        expiry_date = '$expiry_date',
        stock_quantity = '$stock_quantity',
        unit_price = '$unit_price' WHERE medication_id = '$medication_id' ";

    if (mysqli_query(mysql: $con, query: $sql)) {
        $success_message = "Medication updated successfully!";
        header(header: "Location: manage_medications.php");
        exit();
    } else {
        $error_message = "Error in update procedure";
        header(header: "Location: edit_medications.php?id=$medication_id");
        exit();
    }
}
?>
```


Login.php

```
<?php
if ($_REQUEST) {
    include "Db_Config.php";

    $un = $_POST['username'];
    $pass = $_POST['password'];

    $stmt = "SELECT * FROM Admins WHERE username = '$un' AND password = '$pass'";
    $result = $con->query(query: $stmt);

    if ($result->num_rows > 0) {
        session_start();
        $_SESSION['username'] = $un;
        header(header: "Location: Interface.php");
        exit();
    } else {
        $script = <<<EOF
        <script>
        const errorParagraph = document.createElement('p');
        errorParagraph.classList.add('error-message');
        errorParagraph.textContent = "Invalid username or password. Please try again.";
        const form = document.getElementById('loginForm');
        form.appendChild(errorParagraph);
        </script>
        EOF;
        echo $script;
    }
}
?>
```

logout.php

```
<?php
session_start();
session_unset();
session_destroy();
header(header: "Location:login.php");
exit();
?>
```

Sales_report.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
    header(header: "Location: login.php");
}

include 'Db_Config.php';

$start_date = isset($_GET['start_date']) ? $_GET['start_date'] : date(format: 'Y-m-01'); // Default: First day of current month
$end_date = isset($_GET['end_date']) ? $_GET['end_date'] : date(format: 'Y-m-d'); // Default: Today's date

// Fetch sales records grouped by date
$sql = "SELECT staff_id,date_sold, SUM(total_price) AS total_sales FROM sales_records
        WHERE date_sold BETWEEN '$start_date' AND '$end_date'
        GROUP BY date_sold ORDER BY date_sold DESC";
$result = $con->query(query: $sql);
?>
```

Stock_report.php

```
<?php
session_start();
if (!isset($_SESSION['username'])) {
    header(header: "Location: login.php");
    exit();
}

include 'Db_Config.php';

// Fetch all medicines
$medications_result = $con->query(query: "
    SELECT name, category, stock_quantity, expiry_date
    FROM medications
");

$low_stock_threshold = 10;
$soon_expiring_days = 30;
$today = date(format: 'Y-m-d');

$expiring_medicines = [];
$expired_medicines = [];
$low_stock_medicines = [];
$medicine_types = [];

// Categorize medicines
while ($row = $medications_result->fetch_assoc()) {
    // Expiring soon
    if (strtotime(datetime: $row['expiry_date']) <= strtotime(datetime: "+$soon_expiring_days days")) {
        if (strtotime(datetime: $row['expiry_date']) <= strtotime(datetime: $today)) {
            $expired_medicines[] = $row;
        } else {
            $expiring_medicines[] = $row;
        }
    }

    // Low stock
    if ($row['stock_quantity'] < $low_stock_threshold) {
        $low_stock_medicines[] = $row;
    }

    // Group by type
    $medicine_types[$row['category']][] = $row;
}
?>
```

export_sales_invoice.php

```
<?php
require('fpdf/fpdf.php');
include 'Db_Config.php';

if (!isset($_GET['generate_invoice']) || empty($_GET['generate_invoice'])) {
    header(header: "Location: invoice.php");
    die("Error: Sale ID is missing!");
}

$id = (int) $_GET['generate_invoice'];
$result = $con->query(query: "SELECT s.id, m.name, s.quantity_sold, s.total_price, s.customer_name, s.date_sold, s.payment_method
FROM sales_records s
JOIN medications m ON s.medication_id = m.medication_id
WHERE s.id = $id");

$sale = $result->fetch_assoc();

if (!$sale) {
    header(header: "Location: invoice.php");
    die("Error: Sale not found!");
}

$pdf = new FPDF();
$pdf->AddPage();
$pdf->SetFont(family: 'Arial', style: 'B', size: 16);
$pdf->Cell(w: 40, h: 10, txt: 'Pharmacy Invoice');
$pdf->Ln();
$pdf->SetFont(family: 'Arial', style: '', size: 12);
$pdf->Cell(w: 40, h: 10, txt: 'Customer: ' . $sale['customer_name']);
$pdf->Ln();
$pdf->Cell(w: 40, h: 10, txt: 'Medicine: ' . $sale['name']);
$pdf->Ln();
$pdf->Cell(w: 40, h: 10, txt: 'Quantity: ' . $sale['quantity_sold']);
$pdf->Ln();
$pdf->Cell(w: 40, h: 10, txt: 'Total Price: ₹ ' . $sale['total_price']);
$pdf->Ln();
$pdf->Cell(w: 40, h: 10, txt: 'Payment Method: ' . $sale['payment_method']);
$pdf->Ln();
$pdf->Cell(w: 40, h: 10, txt: 'Date: ' . $sale['date_sold']);
$pdf->Output();
exit;
?>
```

export_sales_invoice.php

```
<?php
session_start();
if(!isset($_SESSION['username']))
{
    header(header: "Location: login.php");
}

require('fpdf/fpdf.php');
include 'Db_Config.php';

$start_date = $_GET['start_date'];
$end_date = $_GET['end_date'];

// Fetch sales data
$sql = "SELECT date_sold, SUM(total_price) AS total_sales FROM sales_records
        WHERE date_sold BETWEEN '$start_date' AND '$end_date'
        GROUP BY date_sold ORDER BY date_sold DESC";
$result = $con->query(query: $sql);

// Create PDF
$pdf = new FPDF();
$pdf->AddPage();
$pdf->SetFont(family: 'Arial', style: 'B', size: 16);
$pdf->Cell(w: 190, h: 10, txt: 'Sales Report', border: 0, ln: 1, align: 'C');
$pdf->SetFont(family: 'Arial', style: '', size: 12);
$pdf->Cell(w: 190, h: 10, txt: "From: $start_date To: $end_date", border: 0, ln: 1, align: 'C');
$pdf->Ln(h: 10);

// Table headers
$pdf->SetFont(family: 'Arial', style: 'B', size: 15);
$pdf->Cell(w: 50, h: 10, txt: 'Date', border: 1);
$pdf->Cell(w: 60, h: 10, txt: 'Total Sales (Rs.)', border: 1);
$pdf->Ln();

$pdf->SetFont(family: 'Arial', style: '', size: 12);
$grand_total = 0;
while ($row = $result->fetch_assoc()) {
    $pdf->Cell(w: 50, h: 10, txt: $row['date_sold'], border: 1);
    $pdf->Cell(w: 60, h: 10, txt: 'Rs.' . number_format(num: $row['total_sales'], decimals: 2), border: 1);
    $pdf->Ln();
    $grand_total += $row['total_sales'];
}

// Grand Total
$pdf->SetFont(family: 'Arial', style: 'B', size: 12);
$pdf->Cell(w: 50, h: 10, txt: 'Total Sales', border: 1);
```