

A

Project Report

On

MEDICAL STORE MANAGEMENT SYSTEM

For

Online Website Design

Submitted to

“ SHIVAJI UNIVERSITY, KOLHAPUR ”

For the partial fulfillment of the requirements for the award

MASTER OF COMPUTER APPLICATION

(SEM - IV)

By

Mr. Shripad Narayan Kothavale

Mr. Onkar Sanjay Kulkarni

Under the guidance of

Mr. A. M. Kazi

Through



The Principal

**V.P.INSTITUTE OF MANAGEMENT STUDIES AND
RESEARCH SANGLI**

2024 - 25

CERTIFICATE



V.P. INSTITUTE OF MANAGEMENT STUDIES & RESEARCH

Department Of Computer Application

This is to certify that, the project report entitled Medical Store Management System is record of project work carried out in this college by Mr. Shripad Narayan Kothavale and Mr. Onkar Sanjay Kulkarni in parital fulfillment of the award of Master Of Computer Application (sem-IV) as laid down by SHIVAJI UNIVERCITY KOLHAPUR.

This project presents their sinere work carried out under my guidance in the year 2024-25.

Date :

Dr. A. A. Sattikar

(Guide)

Dr. R. M. Yallatti

(Principal)

Dr. Mrs. V. S. Jadhav

(HOD)

Examinar : 1)

Examinar : 2)

DECLARATION

To,

The Registrar

Shivaji University Kolhapur

Sir,

We undersigned **Mr. Shripad Narayan Kothavale** and **Mr. Onkar Sanjay Kulkarni** here by declare that, the project report entitled **Medical Store Management System System** submitted by us under the guidance of **Mr. A. M. Kazi** is our original work.

We have not reproduced any information from any report submitted to Shivaji University, Kolhapur this year or any of the previous years.

We understand that any such copying is liable to punish in away that University Authorities deem fit.

Place : Sangli

Date :

Mr. Shripad Narayan Kothavale

Mr. Onkar Sanjay Kulkarni

ACKNOWLEDGEMENT

We acknowledge with gratitude to the Incharge Principal Dr. R. M. Yallatti Sir for giving us this wonderful opportunity to be part of this institute.

In addition we would like to thank our faculty Prof. Mrs. A. R. Rasal and Dr. V. S. Jadhav Head of Computer Department (V.P.I.M.S.R), for their valuable support.

We have to give gratitude to Mr. A. M. Kazi our project guide for guiding us throughout the project and for their valuable suggestions which help us a lot in the completion of this project.

Last but not least we would also thank our friends who have helped us directly and indirectly for successfully completing this project.

Place : Sangli.

Date:

Mr. Shripad Narayan Kothavale

Mr. Onkar Sanjay Kulkarni

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1. Introduction

1.1 Introduction to system

Pharmacia is a “Medical Store Management System” aims to help in maintaining and managing the records for a pharmaceutical store by improving efficiency, accuracy and security.

Pharmacies need to maintain details of medicine stock, suppliers, employees, customers, any stock purchased by the pharmacy and any sales made by the pharmacy. The previous manual methods require the pharmacists to manually monitor all the records lists and transactions and to verify the presence of each drug in the pharmacy. Searching for any required drug may be difficult.

Using the Pharmacy Management System, one can maintain stock and inventory, oversee transactions, manage suppliers and employees and maintains records of its customers. The system will help prevent waste of time and resources, allow easy access to medicines, as well as ensure more security and reliability for the data compared to the manual systems. The system assists the pharmacy in handling the daily requirements in a smoother, better and effective manner.

1.2 About Existing System

In the existing all transactions, dealing of products, purchasing of products, maintaining suppliers were done manually which is time consuming. Reports are prepared manually as and when needed. Maintaining of reports is very tedious task.

There is no computer system for handling payments. All calculations are performed manually which may not be accurate always. Maintaining the record is really a tedious task. Maintaining the stock of medicines manually is the most time critical task.

1.3 Need and Scope of Computer System

Need

- Pharmacia is specific requirement of the client that integrates the buying and selling service especially to their customers.
- Need for the new system is due to major drawbacks of existing system.

- Reports can be generated at any time within few seconds, so that manual labor is not required, and also analysis can be performed much more frequently which helps in taking decisions.
- The details regarding all supplier, employee, products can also be maintained as their information is very helpful and sometime becomes a critical requirement.

Scope

The main aim of the project is to learn the intricacies of modeling the database with the given requirements and using a web based interface to interact with the back end keeping in mind the data consistency and the ability of the entire system.

2. Proposed System

2.1 Objectives

The current research aims at reducing the workload all the entities involved in the purchasing procedure of the products for the customers. The current manual system faces different challenges as to maintaining data of each product, employee and customer manually. Hard copy registers are maintained currently to verify customer details.

The objectives of this proposed web application system are:

- To computerize employee, customer and admin information.
- To maintain data consistency and integrity.
- To automate the purchasing and buying process without any physical human interaction.
- To allow admin to generate the reports at any time within few minutes

2.2 Requirement Engineering

We have worked on various technologies Like Bootstrap, HTML, CSS, php and mysql. The description of all these is given below.

HTML

Html is web development technology with some addition to Html. Its core aims have been to improve the language with support for the latest multimedia while keeping it easily readable by humans and consistently understood by computers and devices. HTML is intended to subsume not only HTML, but also XHTML1 and DOM Level 2 HTML.

Features :

- Web Socket : A next-generation bidirectional communication technology for web applications.
- Server-Sent Events : HTML introduces events that flow from the webserver to the web browsers and they are called Server-Sent Events (SSE).
- Canvas : This supports a two-dimensional drawing surface that you can program with javascript.
- Audio & Video : You can embed audio or video on your web pages without resorting to third-party plugins.
- Geo-location : Now visitors can choose to share their physical location with your web.

CSS

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the

process of making web pages presentable.

Features :

- Create Stunning Web site : CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts , the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects.
- Become a web designer : If you want to start a career as a professional web designer, HTML and CSS designing is a must skill.
- Control web : CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the mark-up languages HTML or XHTML.
- Learn other languages : Once you understand the basics of HTML and CSS then other related technologies like JavaScript, PHP, or angular become easier to understand.

PHP

PHP is a recursive acronym for "PHP: Hypertext Pre-processor". PHP is a server-side scripting language that is embedded in HTML. It is used to manage dynamic content databases, session tracking, even build entire e-commerce sites. It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server. PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the UNIX side. The MySQL server, once started executes even very complex queries with huge result sets in record-setting time. PHP supports a large number of major protocols such as POP3, IMAP, and LDAP. PHP4 added support for Java and distributed object architectures (COM and CORBA), making n-tier development a possibility for the first time. PHP language tries to be as forgiving as possible. PHP Syntax is C-Like.

PHP MySQL

The PHP code consists of a core, with optional extensions to the core functionality. PHP's MySQL extensions, such as the MySQL extension, and the MySQL extension, are implemented using the PHP extension framework. An extension typically exposes an API to the PHP developer, to allow its facilities to be used programmatically. However, some extensions which use the PHP extension framework do not expose an API to the PHP developer. The PDO MySQL driver extension, for example, does not expose an API to the PHP developer, but provides an interface to the PDO layer above it. MySQL is an

improved version of the older PHP MySQL driver, offering various benefits. The authors of the PHP scripting language recommend using MySQL when dealing with MySQL server versions 4.1.3 and newer (takes advantage of new functionality).

2.3 Requirement Gathering

- **Business Objectives and Goals :** What are the primary objectives of the website (e.g., increase sales, enhance customer experience). Are there specific metrics to measure success (e.g., conversion rates, average order value)
- **Product Catalog :** What types of products will be sold (e.g. Medicines, Beauty Products, Surgical Item)? How many products are there, and how are they categorized ?
- **Design and User Interface :** What is the preferred style (e.g., modern, minimalist)? Do you have branding guidelines or existing marketing materials ?
- **Content Requirements :** What information needs to be included on product pages (e.g., descriptions, specifications)? Will there be educational content ?
- **Security and Compliance :** What security measures are required for customer data protection? Are there any legal or regulatory compliance requirements (e.g., GDPR)?
- **Maintenance and Support :** Who will maintain the website post-launch? What level of support will be needed for updates and troubleshooting ?

2.4 Software Requirements

- Xampp Server
- Visual Studio Code

Front - end Development

- Html
- Css
- Bootstrap

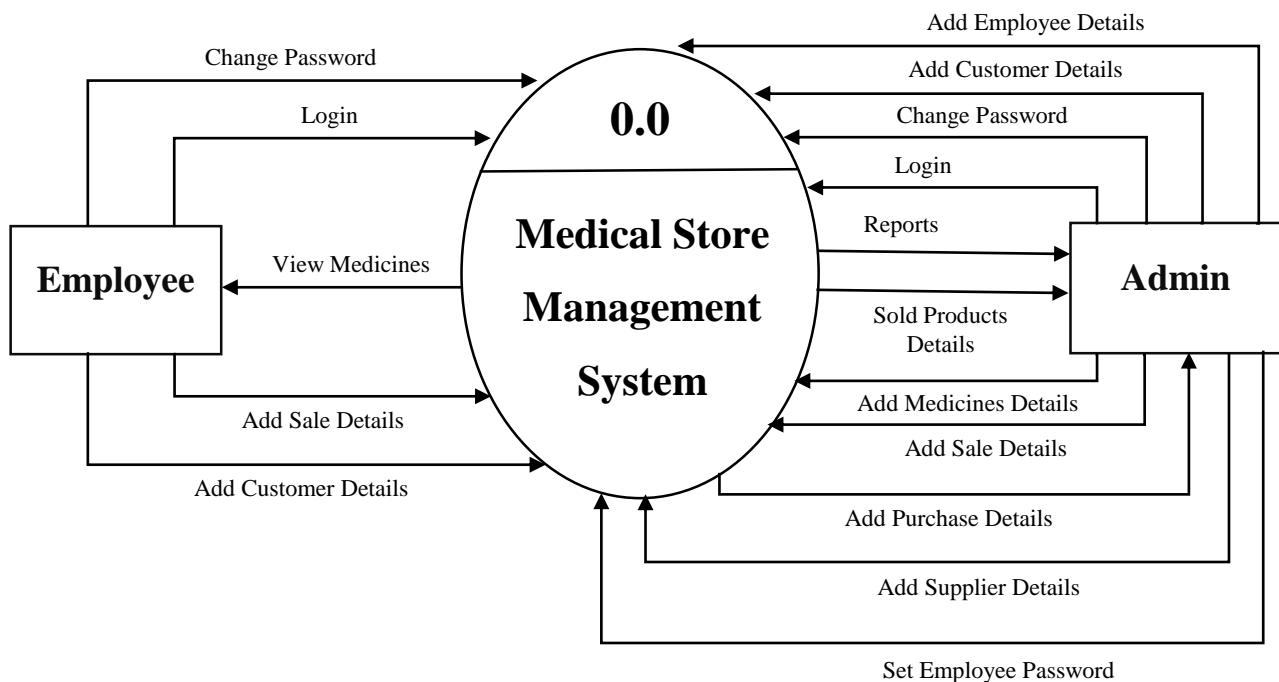
Back - end Development

- Php
- Php MySQL

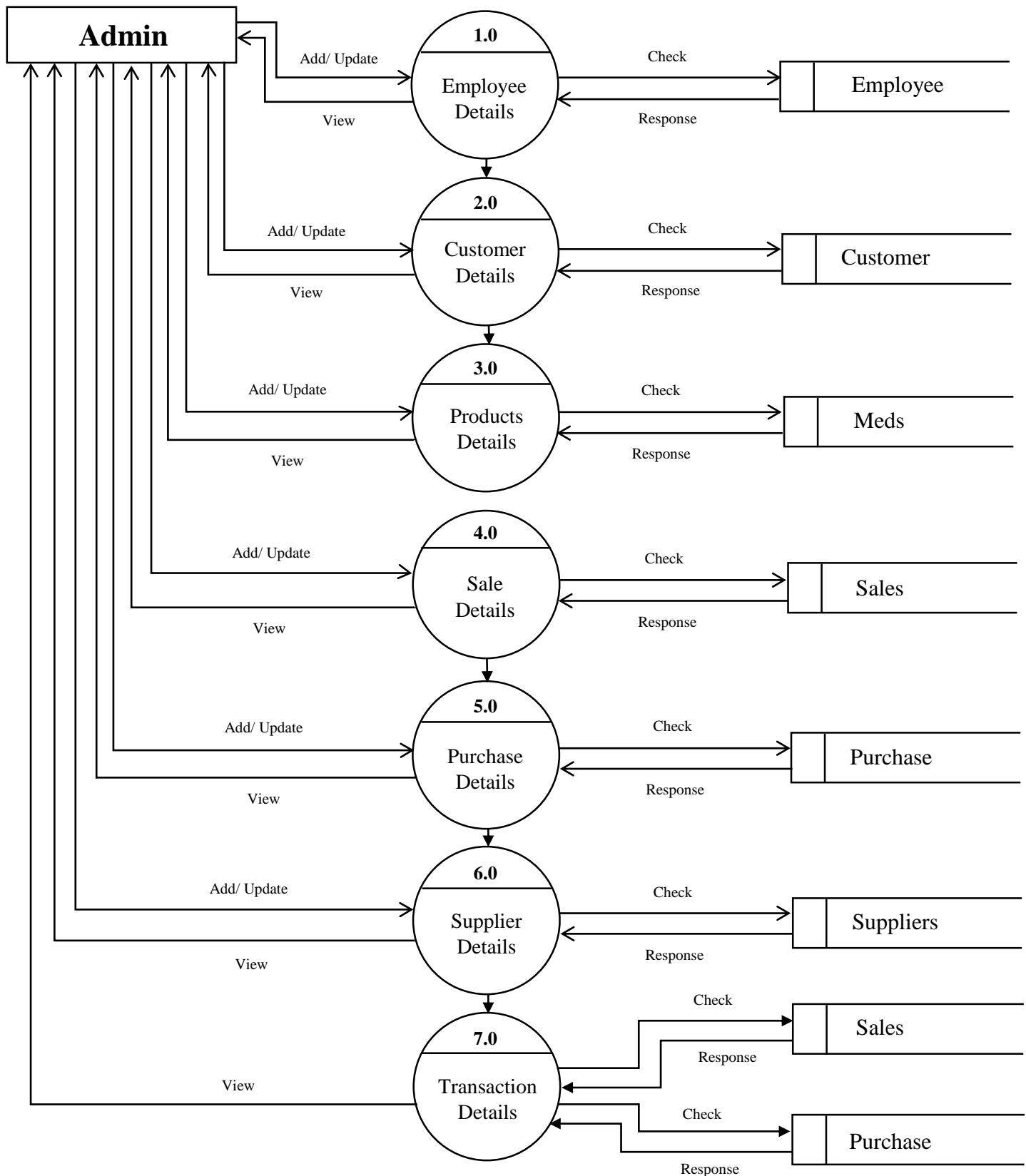
3. System Analysis

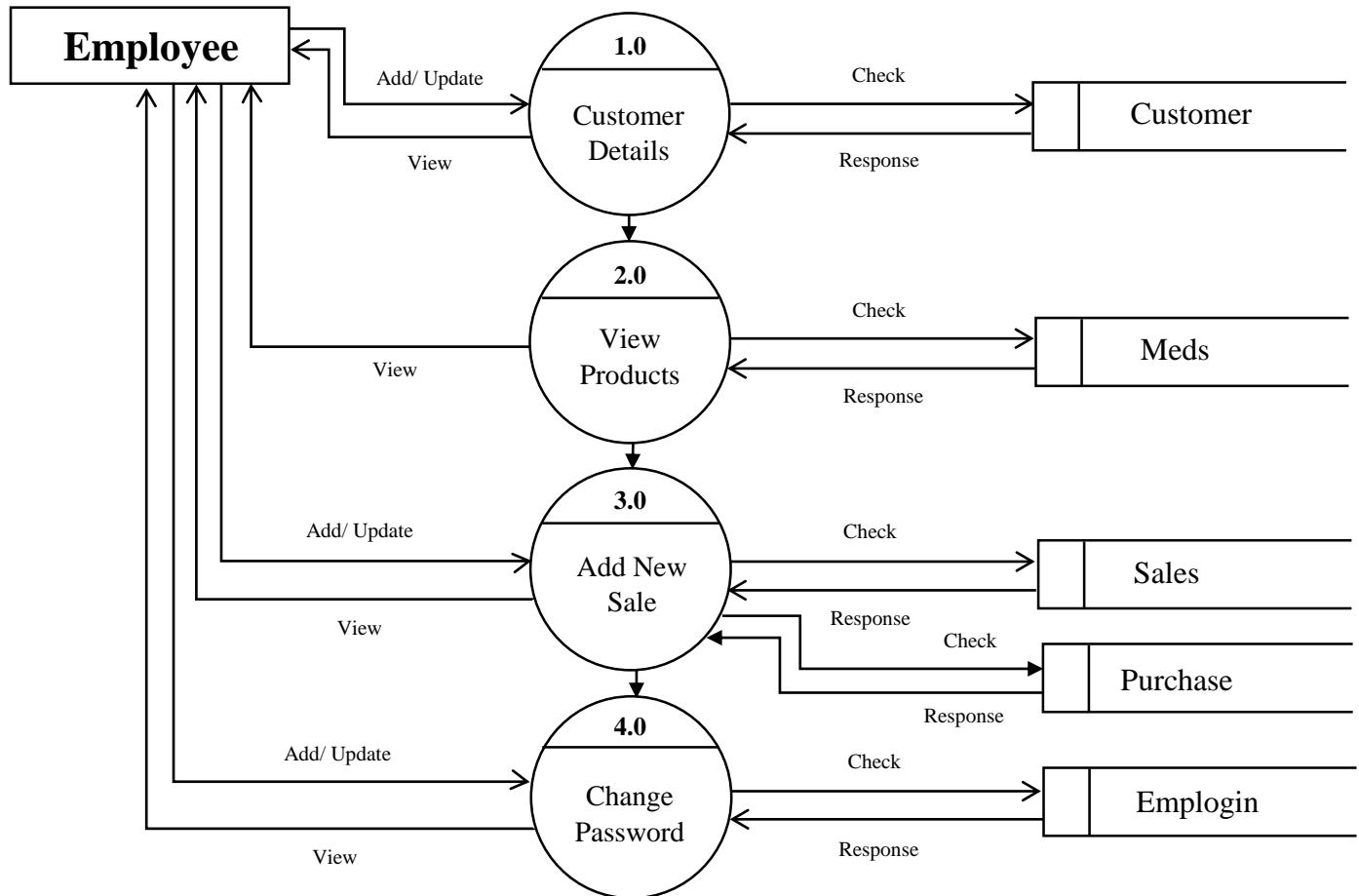
3.1 Data Flow Diagram (DFD)

0th Level DFD :

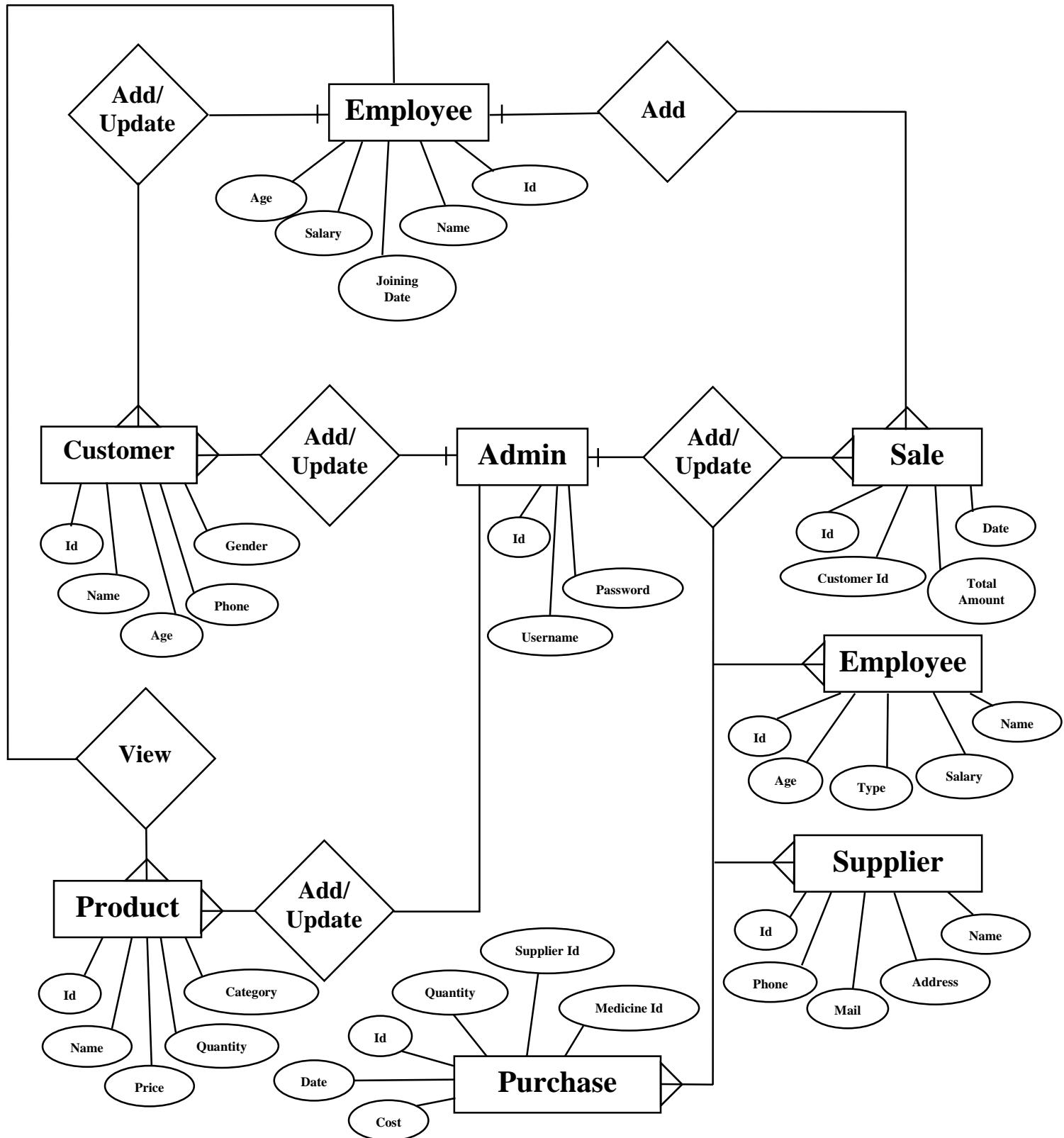


1st Level DFD for admin

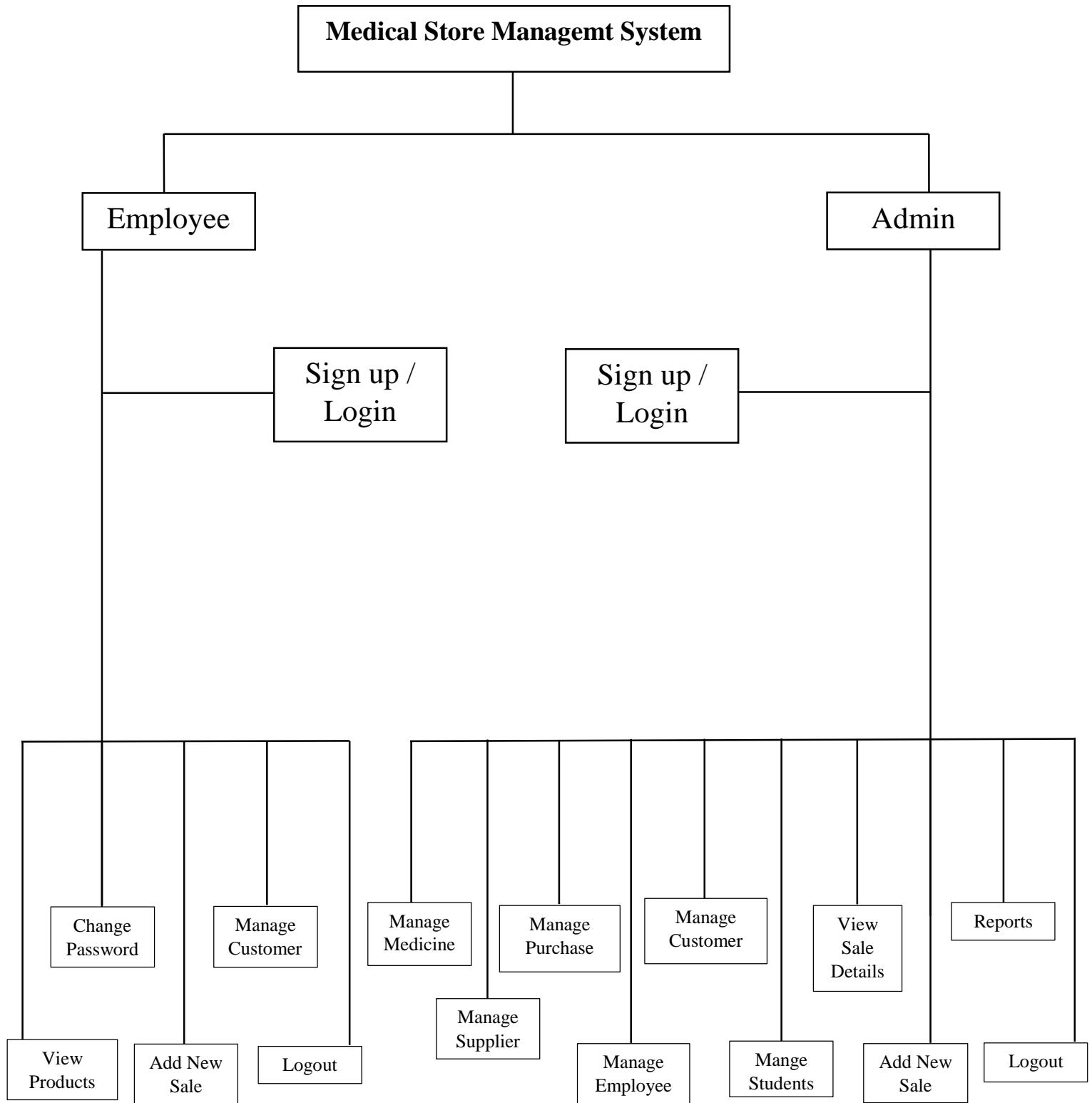


1st Level DFD for employee

3.2 Entity Relationship Diagram (ERD)



3.3 Site Map



4. System Design

4.1 Database Design

1. Admin :

Sr. No.	Column Name	Data Type	Keys	Null
1	Id	int(11)	primary key	No
2	A_Username	varchar(50)	-	No
3	A_Password	varchar(50)	-	No

2. Customer :

Sr. No.	Column Name	Data Type	Keys	Null
1	C_Id	int(11)	primary key	No
2	C_Fname	varchar(30)	-	No
3	C_Lname	varchar(30)	-	Yes
4	C_Age	int(11)	-	No
5	C_Sex	varchar(6)	-	No
6	C_Phno	decimal (10,0)	-	No
7	C-Mail	varchar(40)	-	Yes

3. Employee :

Sr. No.	Column Name	Data Type	Keys	Null
1	E_Id	int(11)	primary key	No
2	E_Fname	varchar(30)	-	No
3	E_Lname	varchar(30)	-	Yes
4	BDate	date	-	No
5	E_Age	int(11)	-	No
6	E_Sex	varchar(6)	-	No
7	E_Type	varchar(20)	-	No
8	E_Jdate	date	-	No
9	E_Sal	int(11)	-	No
10	E_Phno	int(11)	-	No
11	E_Mail	varchar(40)	-	Yes
12	E_Add	varchar(40)	-	Yes

4. Emplogin :

Sr. No.	Column Name	Data Type	Keys	Null
1	E_Id	int(11)	foreign key	No
2	E_Username	varchar(20)	Primary key	No

3	E_Pass	varchar(30)	-	No
---	--------	-------------	---	----

5. Meds :

Sr. No.	Column Name	Data Type	Keys	Null
1	Med_Id	int(11)	primary key	No
2	Med_Name	varchar(50)	-	No
3	Med_Qty	int (11)	-	No
4	Category	varchar(20)	-	Yes
5	Med_Price	int(11)	-	No
6	Location_Rack	varchar(30)	-	Yes

6. Purchase :

Sr. No.	Column Name	Data Type	Keys	Null
1	P_Id	int(11)	primary key	No
2	Sup_Id	int(11)	foreign key	No
3	Med_Id	int(11)	foreign key	No
4	P_Qty	int(11)	-	No
5	P_Cost	int(11)	-	No
6	Pur_Date	date	-	No

7	Mfg_Date	date	-	No
8	Exp_Date	date	-	No

7. Suppliers :

Sr. No.	Column Name	Data Type	Keys	Null
1	Sup_Id	int(11)	primary key	No
2	Sup_Name	varchar(25)	-	No
3	Sup_Add	varchar(30)	-	No
4	Sup_Phno	int(11)	-	No
5	Sup_Mail	varchar(40)	-	No

8. Sale :

Sr. No.	Column Name	Data Type	Keys	Null
1	Sale_Id	int(11)	primary key	No
2	C_Id	int(11)	foreign key	No
3	S_Date	date	-	Yes
4	S_Time	time	-	Yes
5	Total_Amt	int(11)	-	Yes
6	E_Id	int(11)	foreign key	No

9. Sales Items :

Sr. No.	Column Name	Data Type	Keys	Null
1	Sale_Id	int (11)	foreign key	No
2	Med_Id	int(11)	foreign key	No
3	Sale_Qty	int (11)	-	No
4	Tot_Price	int(11)	-	No

4.2 Input Design

Admin Login :



Admin Dashboard :

The image shows the 'ADMIN DASHBOARD' page of the Pharmacia Medical Store Management System. The dashboard has a dark blue header bar at the top. On the far right of the header, it says 'Logout(Logged in as Admin)'. To the left of the dashboard area, there is a vertical sidebar with a dark blue background containing a list of navigation items: 'Dashboard', 'Medicine ▾', 'Suppliers ▾', 'Stock Purchase ▾', 'Employees ▾', 'Customers ▾', 'View Sales Invoice Details', 'View Sold Products Details', 'Add New Sale', 'Reports ▾', and 'Change Password'. The main dashboard area has a light gray header bar with the text 'ADMIN DASHBOARD' in blue. Below this, there are five square icons arranged in a grid-like pattern. The top row contains three icons: a shopping cart with a plus sign inside, a clipboard with a pencil, and a user profile icon. The bottom row contains two icons: a dollar bill with a double-headed arrow through it, and a warning sign with an exclamation mark.

Add Medicine Details :

PHARMACIA

Logout

ADD MEDICINE DETAILS

Medicine ID:	Price:
2	45
Medicine Name:	Location:
Calpol 250 mg syrup	rack 2
Quantity:	Add Medicine
12	
Category:	
Syrup	

Manage Medicine :

PHARMACIA

Logout

MEDICINE INVENTORY

Medicine ID	Medicine Name	Quantity Available	Category	Price	Location in Store	Action
1	Calpol 250 mg syrup	30	Syrup	110.00	rack 1	Edit Delete
2	Anafortan 60ml syrup	34	Syrup	50.00	rack 2	Edit Delete
3	Azithral 100 XL 60nl	3	Syrup	85.00	rack 2	Edit Delete
4	Omee tab	3	Tablet	55.00	rack 1	Edit Delete
5	Calpol 120 mg syrup	20	Syrup	60.00	rack 3	Edit Delete
6	Ondem Syp 30ml	22	Syrup	45.00	rack 2	Edit Delete
7	Gelusil Syp 100ml	2	Syrup	155.00	rack 2	Edit Delete

Update Medicine :

UPDATE MEDICINE DETAILS

Medicine ID:	Price:
1	110.00
Medicine Name:	Location:
Calpol 250 mg syrup	rack 1
Quantity:	Update
30	
Category:	
Syrup	

Add Suppliers Details :

ADD SUPPLIER DETAILS

Supplier ID:	Phone Number:
2	9812092378
Supplier Company Name:	Email Address
Sangli Medical Hub LLP	SangliLLP@gmail.com
Address:	Add Supplier
Station Chowk, Sangli	

Manage Suppliers :

PHARMACIA

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- [View Sales Invoice Details](#)
- [View Sold Products Details](#)
- Add New Sale
- Reports ▾
- Change Password

Logout

Supplier ID	Company Name	Address	Phone Number	Email Address	Action
1	Sangli Medical Hub LLP	Kolhapur Road, Sangli	9087651290	SangliLLP12@gmail.com	<button style="background-color: #0070C0; color: white; border: none; padding: 2px 5px;">Edit</button> <button style="background-color: #A52A2A; color: white; border: none; padding: 2px 5px;">Delete</button>
2	Sevam Pharma	Station Chowk, Sangli	5678901268	Sevam@gmail.com	<button style="background-color: #0070C0; color: white; border: none; padding: 2px 5px;">Edit</button> <button style="background-color: #A52A2A; color: white; border: none; padding: 2px 5px;">Delete</button>

Update Suppliers :

PHARMACIA

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- [View Sales Invoice Details](#)
- [View Sold Products Details](#)
- Add New Sale
- Reports ▾
- Change Password

Logout

UPDATE SUPPLIER DETAILS

Supplier ID:	Phone Number:
<input type="text" value="1"/>	<input type="text" value="9087651290"/>
Supplier Company Name:	Email Address
<input type="text" value="Sangli Medical Hub LLP"/>	<input type="text" value="SangliLLP12@gmail.com"/>
Address:	<input type="button" value="Update"/>
<input type="text" value="Kolhapur Road, Sangli"/>	

Add Purchase :

PHARMACIA

Logout

ADD PURCHASE DETAILS

Purchase ID:	Purchase Cost:
2	450
Supplier:	Date of Purchase:
Sangli Medical Hub LLP	03/20/2025
Medicine ID:	Manufacturing Date:
Azithral 100 XL 60nl	07/18/2023
Purchase Quantity:	Expiry Date:
12	10/17/2025

Add Purchase

Manage Purchase :

PHARMACIA

Logout

STOCK PURCHASE LIST

Purchase ID	Supplier ID	Medicine ID	Medicine Name	Quantity	Cost of Purchase	Date of Purchase	Manufacturing Date	Expiry Date	Action
1	1	1	Calpol 250 mg syrup	20	450.00	2025-03-24	2022-01-18	2028-11-01	Edit Delete
2	1	2	Anafortan 60ml syrup	18	900.00	2025-03-08	2022-02-19	2025-04-25	Edit Delete
3	2	5	Calpol 120 mg syrup	10	600.00	2025-03-10	2024-03-11	2028-11-13	Edit Delete
4	2	6	Ondem Syp 30ml	12	540.00	2025-02-12	2025-01-01	2028-11-17	Edit Delete

Update Purchase :

PHARMACIA

Logout

UPDATE PURCHASE DETAILS

Purchase ID:	Purchase Cost:
<input type="text" value="2"/>	<input type="text" value="900.00"/>
Supplier ID:	Date of Purchase:
<input type="text" value="1"/>	<input type="text" value="03/08/2025"/>
Medicine ID:	Manufacturing Date:
<input type="text" value="2"/>	<input type="text" value="02/19/2022"/>
Purchase Quantity:	Expiry Date:
<input type="text" value="18"/>	<input type="text" value="04/25/2025"/>

Update

Add Employee Details :

PHARMACIA

Logout

ADD EMPLOYEE DETAILS

Employee ID:	Employee Type:
<input type="text" value="2"/>	<input type="text" value="Pharmacist"/>
First Name:	Date of Joining:
<input type="text" value="Amit"/>	<input type="text" value="02/01/2025"/>
Last Name:	Salary:
<input type="text" value="Chavan"/>	<input type="text" value="12000"/>
Date of Birth:	Phone Number:
<input type="text" value="07/11/1979"/>	<input type="text" value="9012452190"/>
Age:	Email ID:
<input type="text" value="32"/>	<input type="text" value="Amit12@gmail.com"/>
Sex:	Address:
<input type="text" value="Male"/>	<input type="text" value="Sangli"/>

Add Employee

Manage Employee :

PHARMACIA

Logout

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- View Sales Invoice Details
- View Sold Products Details
- Add New Sale
- Reports ▾
- Change Password

EMPLOYEE LIST

Employee ID	First Name	Last Name	Date of Birth	Age	Sex	Employee Type	Date of Joining	Salary	Phone Number	Email Address	Home Address	Action
2	Amit	Chavan	1997-06-12	31	Male	Pharmacist	2025-03-01	10000.00	9812356781	amit@gmail.com	Sangli	<button>Edit</button> <button>Delete</button>
3	Avinash	Patil	2000-03-02	28	Male	Pharmacist	2025-02-01	5000.00	8912680125	Avi@gmail.com	Sangli	<button>Edit</button> <button>Delete</button>

Employee Update :

PHARMACIA

Logout

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- View Sales Invoice Details
- View Sold Products Details
- Add New Sale
- Reports ▾
- Change Password

UPDATE EMPLOYEE DETAILS

Employee ID:	<input type="text" value="3"/>	Employee Type:	<input type="text" value="Pharmacist"/>
First Name:	<input type="text" value="Avinash"/>	Date of Joining:	<input type="text" value="02/01/2025"/>
Last Name:	<input type="text" value="Patil"/>	Salary:	<input type="text" value="5000.00"/>
Date of Birth:	<input type="text" value="03/02/2000"/>	Phone Number:	<input type="text" value="8912680125"/>
Age:	<input type="text" value="28"/>	Email ID:	<input type="text" value="Avi@gmail.com"/>
Sex:	<input type="text" value="Male"/>	Address:	<input type="text" value="Sangli"/>

Update

Set Employee Password :

The screenshot shows a web application interface for 'PHARMACIA'. On the left, a sidebar menu lists various administrative functions: Dashboard, Medicine, Suppliers, Stock Purchase, Employees, Customers, View Sales Invoice Details, View Sold Products Details, Add New Sale, Reports, and Change Password. At the top right is a 'Logout' button. The main content area is titled 'SET USERNAME AND PASSWORD'. It contains three input fields: a dropdown menu set to '2', a 'Username' field containing 'Amit', and a 'Password' field containing 'Amit2'. A blue 'Submit' button is located below the password field.

Add Customer Details :

The screenshot shows a web application interface for 'PHARMACIA'. The sidebar menu is identical to the previous screenshot. The main content area is titled 'ADD CUSTOMER DETAILS'. It contains several input fields for customer information: 'Customer ID' (3), 'Phone Number' (7834109423), 'First Name' (Varun), 'Email ID' (varun67@gmail.com), 'Last Name' (Kharat), and 'Age' (23). There is also a dropdown menu for 'Sex' set to 'Male'. A blue 'Add Customer' button is positioned next to the last name field.

Manage Customer :

The screenshot shows a 'Customer List' table with the following data:

Customer ID	First Name	Last Name	Age	Sex	Phone Number	Email Address	Action
1	Varun	Kharat	23	Male	7890120983	varun67@gmail.com	<button>Edit</button> <button>Delete</button>
2	Safia	Malik	34	Female	9012783478	safia@gmail.com	<button>Edit</button> <button>Delete</button>

Update Customer :

The screenshot shows an 'UPDATE CUSTOMER DETAILS' form with the following input fields:

- Customer ID: 1
- Phone Number: 7890120983
- First Name: Varun
- Email ID: varun67@gmail.com
- Last Name: Kharat
- Age: 23
- Sex: Male

A blue 'Update' button is located at the bottom right of the form.

Add New Sale :

PHARMACIA

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- [View Sales Invoice Details](#)
- [View Sold Products Details](#)
- [Add New Sale](#)
- Reports ▾
- Change Password

Logout

POINT OF SALE

Add to Proceed.

Search

Medicine ID:	3	Category:	Syrup
Medicine Name:	Azithral 100 X	Location:	rack 2
Quantity Required:	<input style="width: 100%; border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;" type="text" value="2"/> Add Medicine		

Sale Invoice :

PHARMACIA

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- [View Sales Invoice Details](#)
- [View Sold Products Details](#)
- [Add New Sale](#)
- Reports ▾

Logout

SALES INVOICE

Medicine ID	Medicine Name	Quantity	Price	Total Price	Action
3	Azithral 100 XL 60ml	2	85.00	170.00	Delete

Go Back to Sales Page
Complete Order

Total
170.00

Change Admin Password :

The screenshot shows a 'Change Password' page. On the left is a sidebar with 'PHARMACIA' at the top and a list of administrative functions: Dashboard, Medicine, Suppliers, Stock Purchase, Employees, Customers, View Sales Invoice Details, View Sold Products Details, Add New Sale, and Reports. At the top right is a 'Logout' button. The main area has a title 'Change Password' and a table with one row. The table has three columns: 'Username' (admin), 'Password' (password), and 'Action' (a green 'Edit' button).

Username	Password	Action
admin	password	Edit

Update Admin Password :

The screenshot shows an 'UPDATE PASSWORD' page. On the left is a sidebar with 'PHARMACIA' at the top and a list of administrative functions: Dashboard, Medicine, Suppliers, Stock Purchase, Employees, Customers, View Sales Invoice Details, View Sold Products Details, Add New Sale, and Reports. At the top right is a 'Logout' button. The main area has a title 'UPDATE PASSWORD' and two input fields: 'Username:' (admin) and 'Password:' (password). Below the fields is a green 'Update' button.

Employee Login :



Employee Dashboard :

The image shows the 'PHARMACIST DASHBOARD' screen. The left sidebar has a dark blue background with the word 'PHARMACIA' at the top. Below it is a list of navigation links: 'Dashboard', 'View Medicine', 'Add New Sale', 'Customers ▾', and 'Change Password'. The main dashboard area has a light gray header bar with the text 'PHARMACIST DASHBOARD'. Below this, there are two large icons: a shopping cart icon with a plus sign inside, and a clipboard icon with a pencil, both enclosed in white boxes with black outlines.

View Medicines :

PHARMACIA

Logout(signed in as Amit)

Dashboard
View Medicine
Add New Sale
Customers▼
Change Password

MEDICINE INVENTORY

Medicine ID	Medicine Name	Quantity Available	Category	Price	Location in Store
1	Calpol 250 mg syrup	30	Syrup	110.00	rack 1
2	Anaforan 60ml syrup	34	Syrup	50.00	rack 2
3	Azithral 100 XL 60nl	1	Syrup	85.00	rack 2
4	Omee tab	3	Tablet	55.00	rack 1
5	Calpol 120 mg syrup	20	Syrup	60.00	rack 3
6	Ondem Syp 30ml	22	Syrup	45.00	rack 2
7	Gelusil Syp 100ml	2	Syrup	155.00	rack 2
8	Calcimax P syrup 100ml	6	Syrup	260.00	rack 1
9	Calcinol D Syp 100ml	9	Syrup	150.00	rack 3
10	Sinarest Tab	4	Tablet	90.00	rack 3
11	Limcee Tab	12	Tablet	125.00	rack 2
12	Flucold Tab	6	Tablet	87.00	rack 3
13	Mulin Syp 100ml	14	Syrup	100.00	rack 1

Employee Change Password :

PHARMACIA

Logout(signed in as Amit)

Dashboard
View Medicine
Add New Sale
Customers▼
Change Password

Change Password

Username	Password	Action
Amit	Amit2	Edit

Change Employee Password :

Add Sale :

Sale Invoice :

SALES INVOICE					
Medicine ID	Medicine Name	Quantity	Price	Total Price	Action
1	Calpol 250 mg syrup	4	110.00	440.00	<button>Delete</button>

[Go Back to Sales Page](#) [Complete Order](#)

Total	440.00
-------	--------

4.3 Output Design

Sales Details :

The screenshot shows a web-based medical store management system. On the left is a dark blue sidebar menu titled "PHARMACIA" with various navigation options. At the top right is a "Logout" link. The main content area has a title "SALES INVOICE DETAILS". Below it is a table with columns: Sale ID, Customer ID, Date and Time, Sale Amount, and Employee ID. The table contains 8 rows of data.

Sale ID	Customer ID	Date and Time	Sale Amount	Employee ID
21	1	2025-03-24 15:09:53	200.00	1
23	2	2025-03-24 15:21:50	100.00	1
24	1	2025-03-27 16:01:27	90.00	1
26	1	2025-03-27 16:03:34	100.00	1
27	2	2025-03-27 16:03:58	55.00	1
28	2	2025-03-27 23:13:56	520.00	2

Sold Products Details :

The screenshot shows the same web-based medical store management system. The sidebar menu and top "Logout" link are identical. The main content area has a title "LIST OF PRODUCTS SOLD". Below it is a table with columns: Sale ID, Medicine Name, Quantity Sold, and Total Price. The table contains 6 rows of data.

Sale ID	Medicine Name	Quantity Sold	Total Price
23	Anafortan 60ml syrup	2	100.00
24	Ondem Syp 30ml	2	90.00
26	Anafortan 60ml syrup	2	100.00
27	Omee tab	1	55.00
28	Calcimax P syrup 100ml	2	520.00

5. Implementation

5.1 System Requirement

- This pharmacy website has accessible for desktop.
- Website is responsive and we can used for many platforms.

5.2 Software Requirement

- Xampp Server

XAMPP is a free and open-source cross-platform web server solution package developed by Apache Friends. It is widely used for local web development, allowing developers to create and test websites and web applications before deploying them to a live server.

XAMPP is an acronym that stands for:

- X – Cross-platform (works on Windows, macOS, and Linux)
- A – Apache (Web Server)
- M – MariaDB/MySQL (Database Management System)
- P – PHP (Scripting Language)
- P – Perl (Programming Language)
- Visual Studio Code

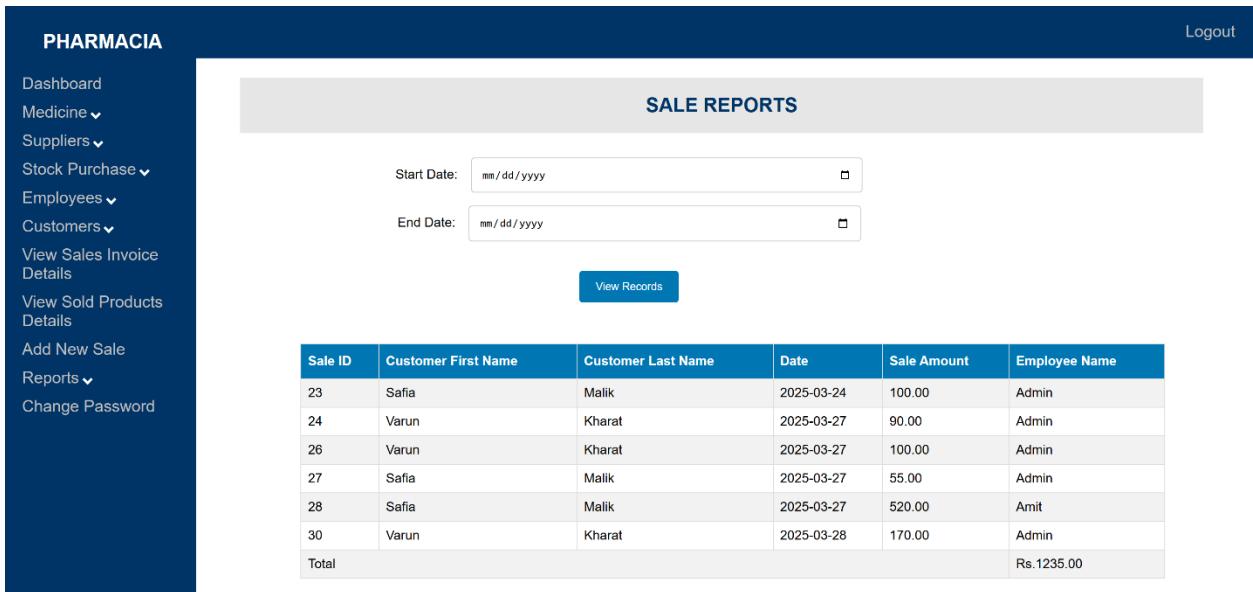
Visual Studio Code (VS Code) is a free, open-source, and lightweight code editor developed by Microsoft. It is widely used for programming, debugging, and development across multiple languages, including PHP, JavaScript, Python, C++, and more.

Common Uses of VS Code -

- Web development (HTML, CSS, JavaScript, PHP, etc.).
- Backend development (Node.js, Python, PHP, etc.).
- Database management (with MySQL, MongoDB extensions).

6. Reports

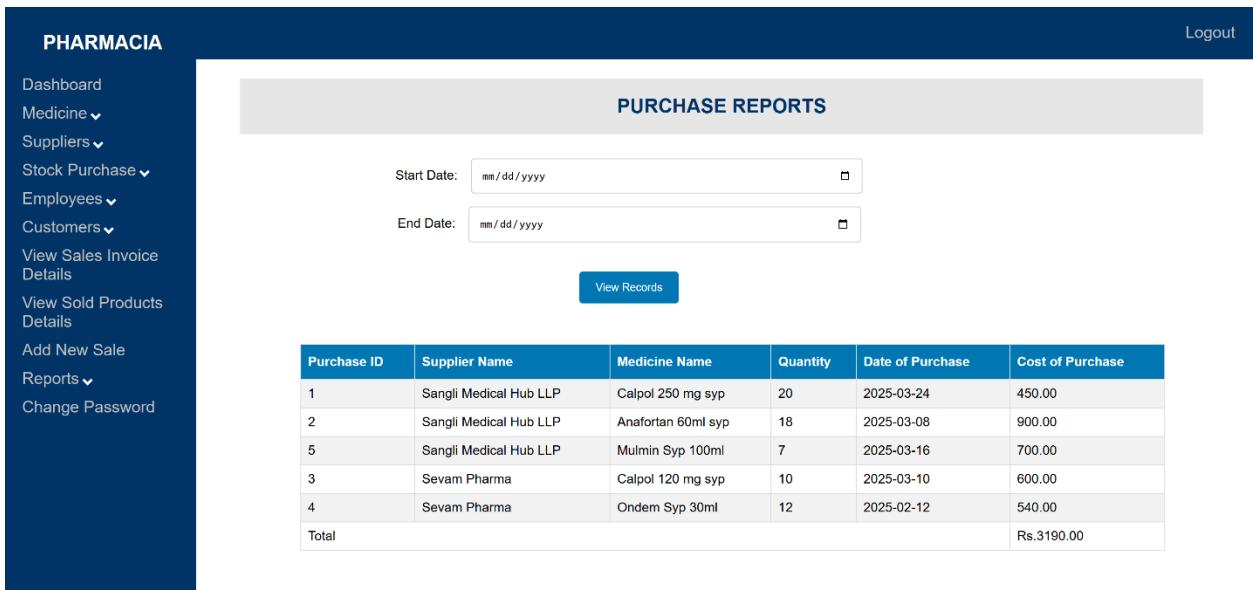
Sale Report :



The screenshot shows the 'SALE REPORTS' section of the Pharmacia application. On the left, a sidebar menu lists various administrative options like Dashboard, Medicine, Suppliers, Stock Purchase, Employees, Customers, View Sales Invoice Details, View Sold Products Details, Add New Sale Reports, and Change Password. The main area has two date input fields for 'Start Date' and 'End Date', both set to 'mm/dd/yyyy'. A blue 'View Records' button is positioned below the date inputs. To the right is a table with columns: Sale ID, Customer First Name, Customer Last Name, Date, Sale Amount, and Employee Name. The table contains six rows of sales data, with a total row at the bottom showing a total sale amount of Rs.1235.00.

Sale ID	Customer First Name	Customer Last Name	Date	Sale Amount	Employee Name
23	Safia	Malik	2025-03-24	100.00	Admin
24	Varun	Kharat	2025-03-27	90.00	Admin
26	Varun	Kharat	2025-03-27	100.00	Admin
27	Safia	Malik	2025-03-27	55.00	Admin
28	Safia	Malik	2025-03-27	520.00	Amit
30	Varun	Kharat	2025-03-28	170.00	Admin
Total					Rs.1235.00

Purchase Report :



The screenshot shows the 'PURCHASE REPORTS' section of the Pharmacia application. The sidebar menu is identical to the one in the Sale Report screenshot. The main area features two date input fields for 'Start Date' and 'End Date', both set to 'mm/dd/yyyy'. A blue 'View Records' button is located below the date inputs. To the right is a table with columns: Purchase ID, Supplier Name, Medicine Name, Quantity, Date of Purchase, and Cost of Purchase. The table contains five rows of purchase data, with a total row at the bottom showing a total cost of Rs.3190.00.

Purchase ID	Supplier Name	Medicine Name	Quantity	Date of Purchase	Cost of Purchase
1	Sangli Medical Hub LLP	Calpol 250 mg syrup	20	2025-03-24	450.00
2	Sangli Medical Hub LLP	Anafortan 60ml syrup	18	2025-03-08	900.00
5	Sangli Medical Hub LLP	Mulmin Syp 100ml	7	2025-03-16	700.00
3	Sevam Pharma	Calpol 120 mg syrup	10	2025-03-10	600.00
4	Sevam Pharma	Ondem Syp 30ml	12	2025-02-12	540.00
Total					Rs.3190.00

Supplier Report :

PHARMACIA

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- [View Sales Invoice Details](#)
- [View Sold Products Details](#)
- [Add New Sale](#)
- Reports ▾
- [Change Password](#)

Logout

SUPPLIER REPORTS

Supplier Name	Medicine Name	Medicine Price	Quantity	Total Amount	Date
Sangli Medical Hub LLP	Calpol 250 mg syrup	110.00	20	450.00	2025-03-24
Sangli Medical Hub LLP	Anafortan 60ml syrup	50.00	18	900.00	2025-03-08
Sangli Medical Hub LLP	Mulmin Syp 100ml	100.00	7	700.00	2025-03-16

Customer Report :

PHARMACIA

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- [View Sales Invoice Details](#)
- [View Sold Products Details](#)
- [Add New Sale](#)
- Reports ▾
- [Change Password](#)

Logout

CUSTOMER REPORTS

Customer Name	Date	Medicine Name	Medicine Price	Quantity	Total Amount
SafiaMalik	2025-03-27	Calcimax P syrup 100ml	260.00	2	520.00
SafiaMalik	2025-03-27	Omee tab	55.00	1	55.00
SafiaMalik	2025-03-24	Anafortan 60ml syrup	50.00	2	100.00

Expiry Report :

PHARMACIA

Logout

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- View Sales Invoice Details
- View Sold Products Details
- Add New Sale
- Reports ▾
- Change Password

STOCK EXPIRING WITHIN 6 MONTHS

Purchase ID	Supplier ID	Medicine ID	Quantity	Cost of Purchase	Date of Purchase	Manufacturing Date	Expiry Date
2	1	2	18	900.00	2025-03-08	2022-02-19	2025-04-25
5	1	13	7	700.00	2025-03-16	2023-02-09	2025-05-23

Low Stock Report :

PHARMACIA

Logout

- Dashboard
- Medicine ▾
- Suppliers ▾
- Stock Purchase ▾
- Employees ▾
- Customers ▾
- View Sales Invoice Details
- View Sold Products Details
- Add New Sale
- Reports ▾
- Change Password

MEDICINES LOW ON STOCK(LESS THAN 5)

Medicine ID	Medicine Name	Quantity Available	Category	Price	Location
3	Azithral 100 XL 60nl	1	Syrup	85.00	rack 2
4	Omee tab	3	Tablet	55.00	rack 1
7	Gelusil Syp 100ml	2	Syrup	155.00	rack 2
10	Sinarest Tab	4	Tablet	90.00	rack 3

7. Conclusion and Suggestion

7.1 Conclusion

We have designed web site “ Pharmacia ” for those who want to buy a medicine products. This web site is useful for buying the various types of medicine for the peoples. Developing an pharmacia website is a strategic investment that enhances customer engagement and streamlines business operations. By integrating user-friendly design, detailed product information, and efficient e-commerce functionality, the website will not only attract and retain customers but also drive sales and improve service delivery. This digital platform will position the pharmacia to better compete in the online marketplace, providing a robust tool for growth and customer satisfaction in the evolving retail landscape.

7.2 Limitations

- In this system we cannot create the wish list of products.
- Some pages are static and some of dynamic.
- Return of customer sale have not been covered.
- Few categories and products have been covered.

7.3 Suggestions

- In future we will try to add more categories and their products.
- We will add more modules, functionalities including sale return of customer in fuyure.
- We will try to make our website very much secured.
- In future we will try make our website more dynamic in nature.

8.1 Source Code

Home Page (admin dashboard)

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" type="text/css" href="nav2.css">
<title>
Admin Dashboard
</title>
</head>
<body>
<div class="sidenav">
    <h2 style="font-family:Arial; color:white; text-align:center;"> PHARMACIA
</h2>
    <a href="adminmainpage.php">Dashboard</a>
    <button class="dropdown-btn">Medicine
        <i class="down"></i>
    </button>
    <div class="dropdown-container">
        <a href="inventory-add.php">Add New Medicine</a>
        <a href="inventory-view.php">Manage Medicine</a>
    </div>
    <button class="dropdown-btn">Suppliers
        <i class="down"></i>
    </button>
    <div class="dropdown-container">
        <a href="supplier-add.php">Add New Supplier</a>
        <a href="supplier-view.php">Manage Suppliers</a>
    </div>
    <button class="dropdown-btn">Stock Purchase

```

```

<i class="down"></i>
</button>
<div class="dropdown-container">
    <a href="purchase-add.php">Add New Purchase</a>
    <a href="purchase-view.php">Manage Purchases</a>
</div>
<button class="dropdown-btn">Employees
<i class="down"></i>
</button>
<div class="dropdown-container">
    <a href="employee-add.php">Add New Employee</a>
    <a href="employee-view.php">Manage Employees</a>
    <a href="EmpPassword.php">Employee Password</a>
</div>
<button class="dropdown-btn">Customers
<i class="down"></i>
</button>
<div class="dropdown-container">
    <a href="customer-add.php">Add New Customer</a>
    <a href="customer-view.php">Manage Customers</a>
</div>
<a href="sales-view.php">View Sales Invoice Details</a>
<a href="salesitems-view.php">View Sold Products Details</a>
<a href="pos1.php">Add New Sale</a>
<button class="dropdown-btn">Reports
<i class="down"></i>
</button>
<div class="dropdown-container">
    <a href="stockreport.php">Medicines - Low Stock</a>
    <a href="expiryreport.php">Medicines - Soon to Expire</a>
    <a href="salesreport.php">Sale Reports</a>
    <a href="purchasereport.php">Purchase Reports</a>
</div>

```

```

        <a href="changepwdadmin.php">Change Password</a>
    </div>
<div class="topnav">
    <a href="logout.php">Logout(Logged in as Admin)</a>
</div>
<center>
<div class="head">
    <h2> ADMIN DASHBOARD </h2>
</div>
</center>
<a href="pos1.php" title="Add New Sale">
    
</a>
<a href="inventory-view.php" title="View Inventory">
    
</a>
<a href="employee-view.php" title="View Employees">
    
</a>
<br>
<a href="salesreport.php" title="View Transactions">
    
</a>
<a href="stockreport.php" title="Low Stock Alert">
    
</a>
</body>
<script>

```

```

var dropdown = document.getElementsByClassName("dropdown-btn");
var i;
for (i = 0; i < dropdown.length; i++) {
    dropdown[i].addEventListener("click", function() {
        this.classList.toggle("active");
        var dropdownContent = this.nextElementSibling;
        if (dropdownContent.style.display === "block") {
            dropdownContent.style.display = "none";
        } else {
            dropdownContent.style.display = "block";
        }
    });
});}</script></html>

```

Home Page (Employee dashboard)

```

<!DOCTYPE html>

<html>
<head>
<link rel="stylesheet" type="text/css" href="table1.css">
<link rel="stylesheet" type="text/css" href="nav2.css">
<title>
Pharmacist Dashboard
</title>
</head>
<style>
body {font-family:Arial;}
</style>
<body>
<div class="sidenav">
    <h2 style="font-family:Arial; color:white; text-align:center;"> PHARMACIA
</h2>
    <a href="pharmmainpage.php">Dashboard</a>
    <a href="pharm-inventory.php">View Medicine</a>
    <a href="pharm-pos1.php">Add New Sale</a>

```

```

<button class="dropdown-btn">Customers
    <i class="down"></i>
</button>
<div class="dropdown-container">
    <a href="pharm-customer.php">Add New Customer</a>
    <a href="pharm-customer-view.php">View Customers</a>
</div>
<a href="changepwdpharam.php">Change Password</a>
</div>
<?php
include "config.php";
session_start();
$sql="SELECT E_FNAME from EMPLOYEE WHERE E_ID='$_SESSION[user]'";
$result=$conn->query($sql);
$row=$result->fetch_row();
$ename=$row[0];
?>
<div class="topnav">
    <a href="logout1.php">Logout(signed in as <?php echo $ename; ?>)</a>
</div>
<center>
<div class="head">
    <h2> PHARMACIST DASHBOARD </h2>
</div>
</center>
<a href="pharm-pos1.php" title="Add New Sale">
    
</a>
<a href="pharm-inventory.php" title="View Inventory">
    
</a>

```

```
</body>
<script>
var dropdown = document.getElementsByClassName("dropdown-btn");
var i;

for (i = 0; i < dropdown.length; i++) {
    dropdown[i].addEventListener("click", function() {
        this.classList.toggle("active");
        var dropdownContent = this.nextElementSibling;
        if (dropdownContent.style.display === "block") {
            dropdownContent.style.display = "none";
        }
        else {
            dropdownContent.style.display = "block";
        }
    });
}

</script>
</html>
```

8.2 References

- www.getbootstrap.com for the detailed description of use of bootstrap.
- www.w3schools.com for the html and CSS developments.
- www.javatpoint.com and www.tutorialspoint.com for PHP development.