

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 the 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

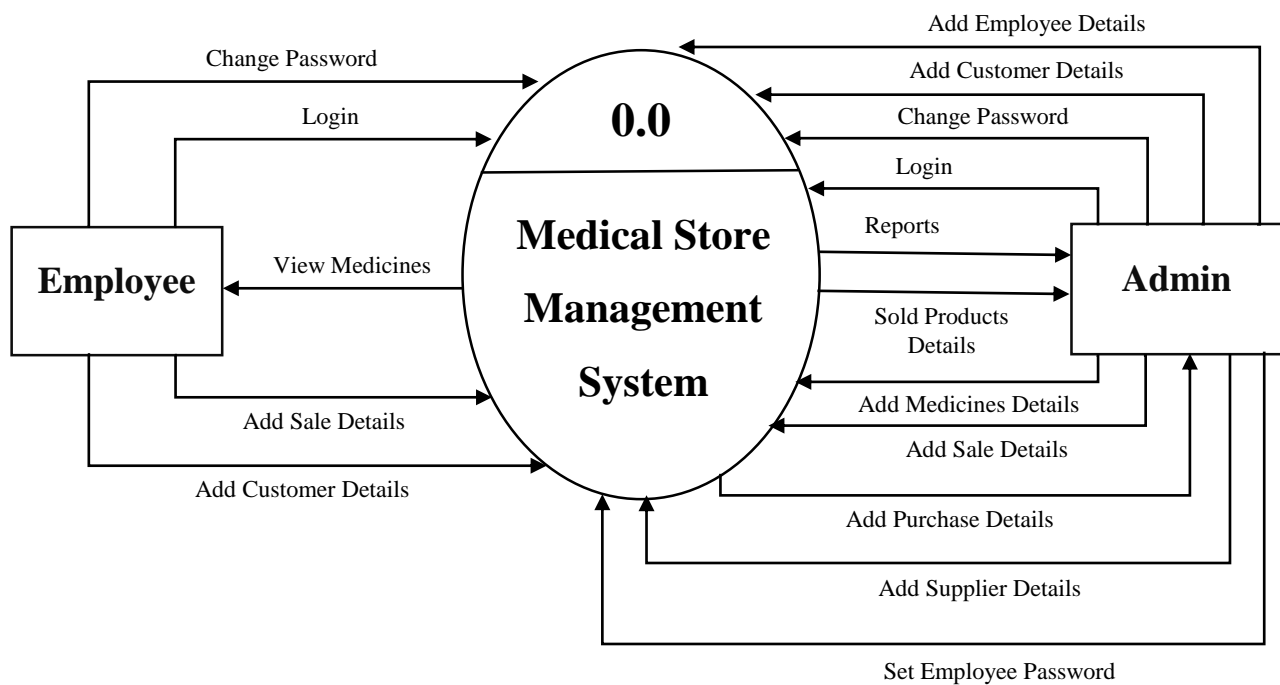
Back - end Development

- Php
- Php MySQL

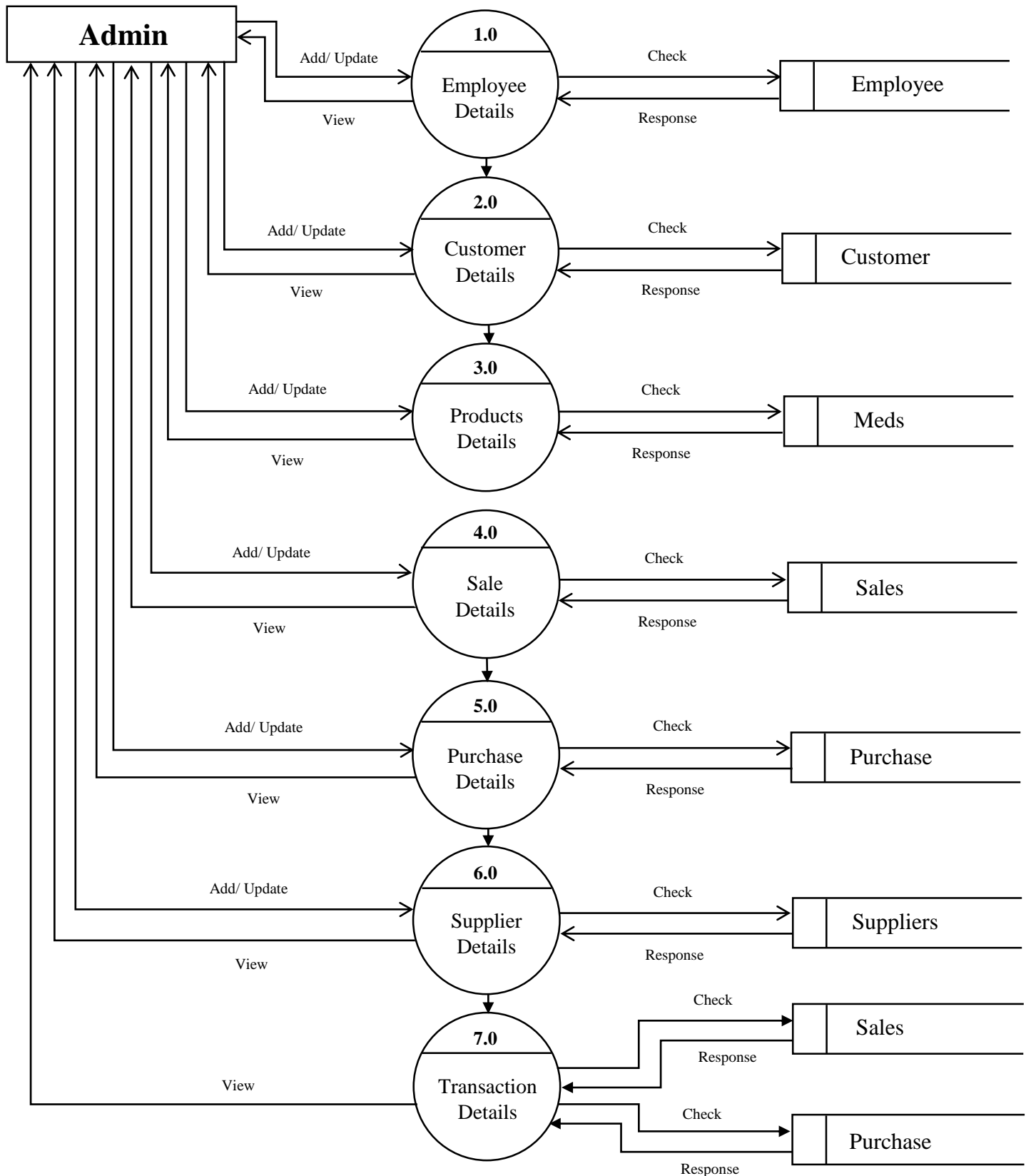
3. System Analysis

3.1 Data Flow Diagram (DFD)

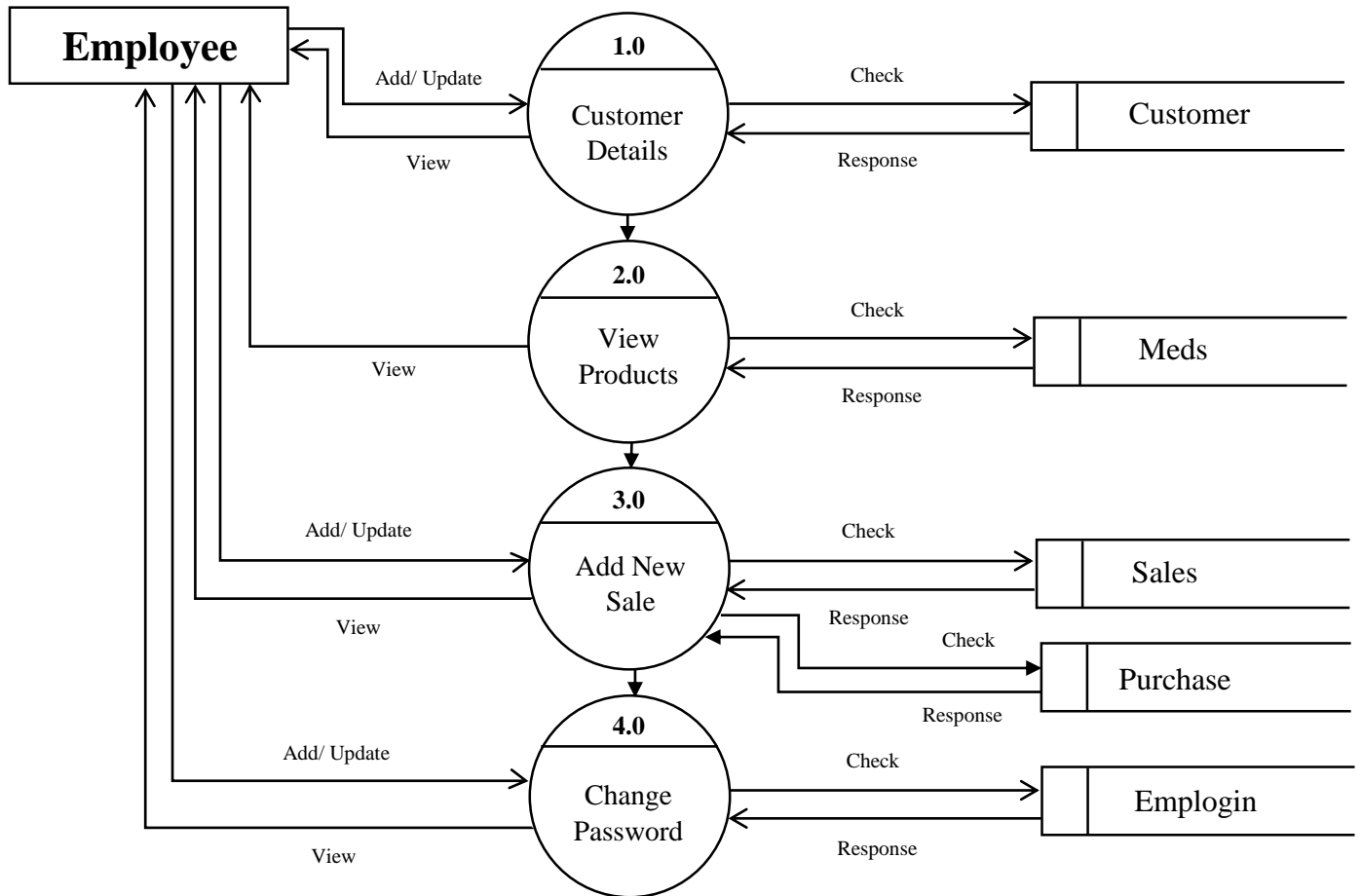
0th Level DFD :



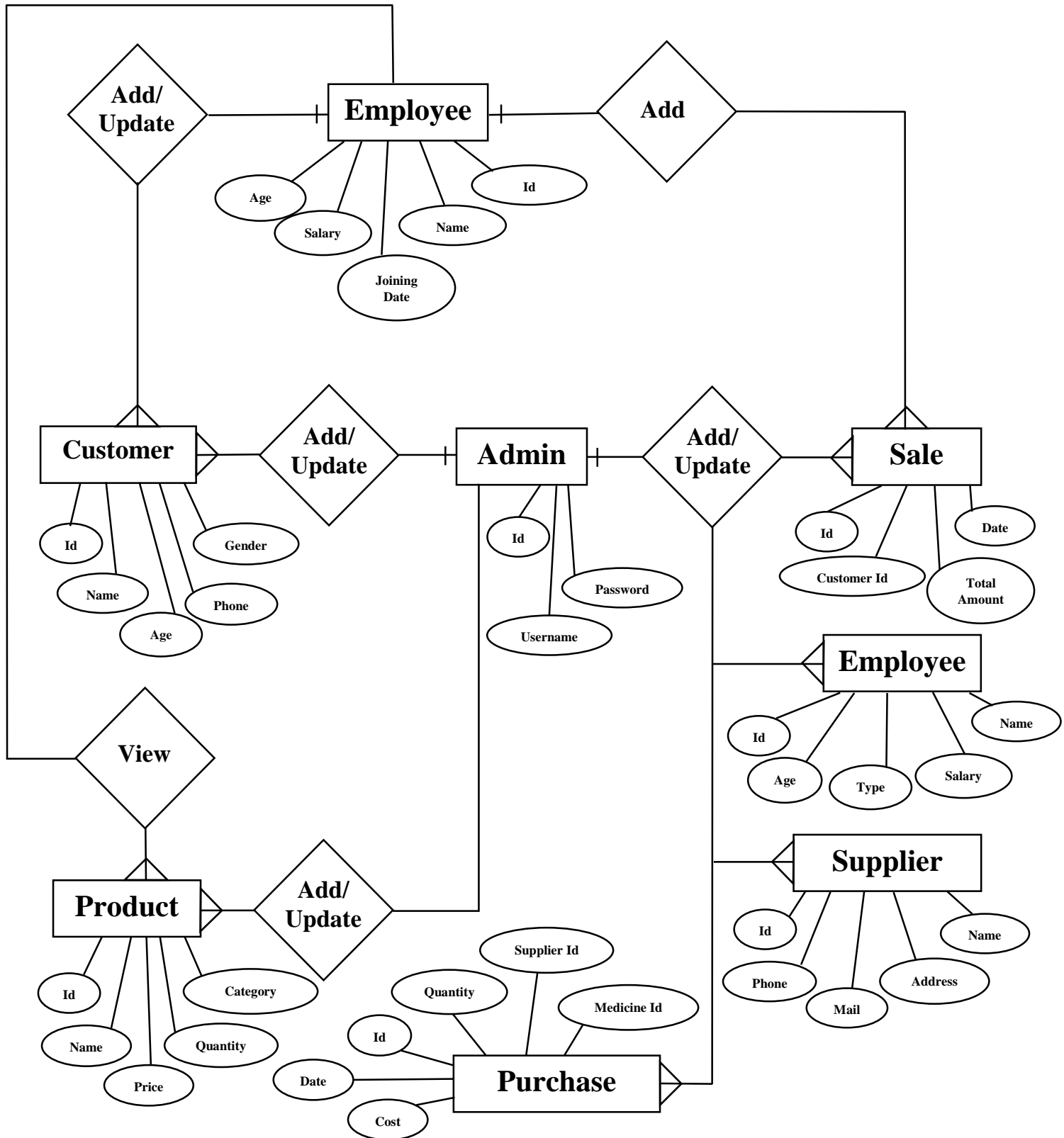
1st Level DFD for admin



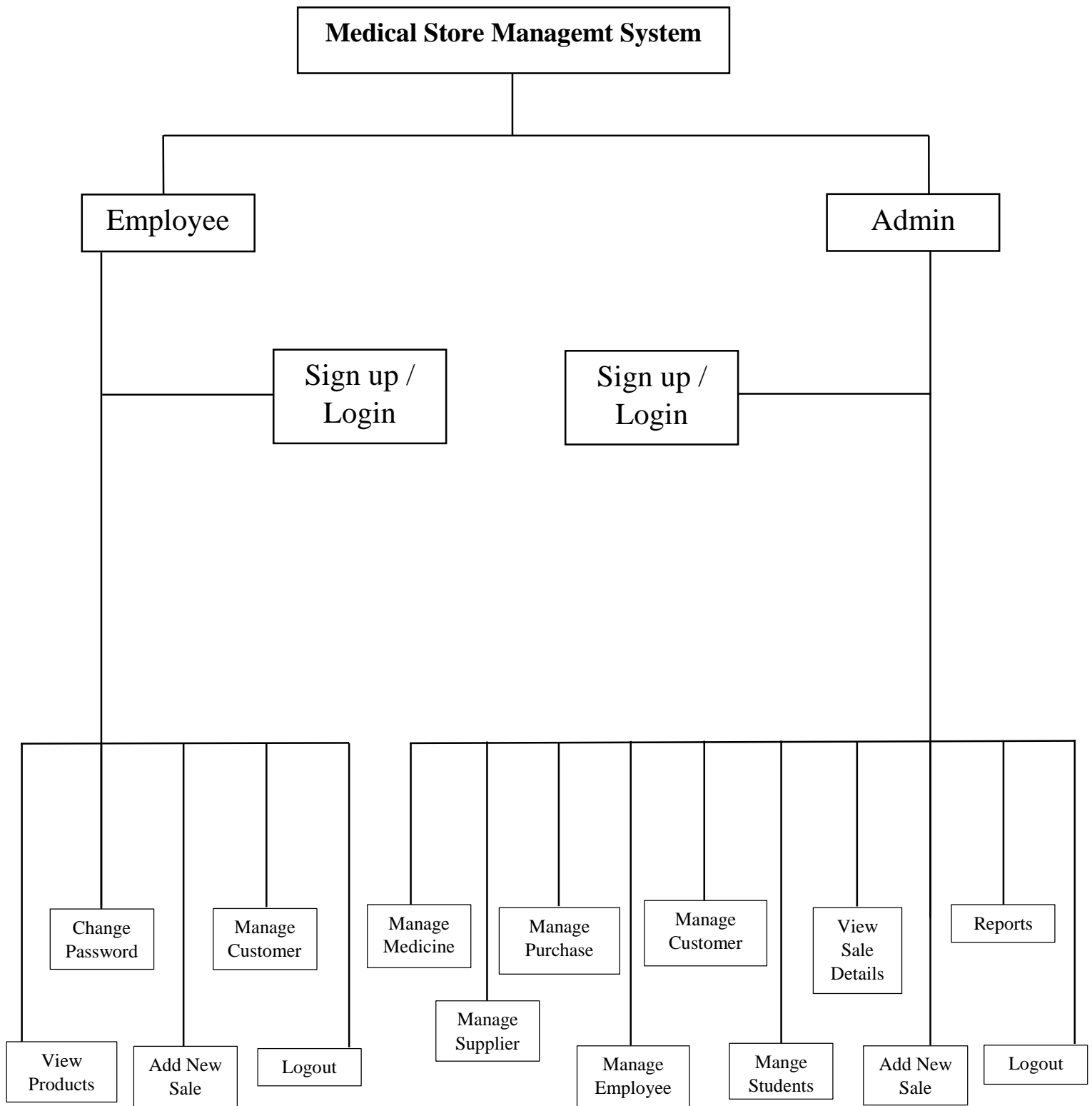
1st Level DFD for employee



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 :

PHARMACIA
Medical Store Management System

Admin Login

admin

Submit Click here for Pharmacist Login

Developed By Shripad Kothavale & Onkar Kulkarni

Admin Dashboard :

PHARMACIA Logout(Logged in as Admin)

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

ADMIN DASHBOARD

Shopping cart icon, Clipboard icon, User profile icon, Money transaction icon, Warning icon

Add Medicine Details :

PHARMACIA

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

Logout

ADD MEDICINE DETAILS

Medicine ID:

Price:

Medicine Name:

Location:

Quantity:

Add Medicine

Category:
 ▾

Manage Medicine :

PHARMACIA

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

Logout

MEDICINE INVENTORY

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

Update Medicine :

PHARMACIA

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

Logout

UPDATE MEDICINE DETAILS

Medicine ID:

Price:

Medicine Name:

Location:

Quantity:

Category:

Add Suppliers Details :

PHARMACIA

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

Logout

ADD SUPPLIER DETAILS

Supplier ID:

Phone Number:

Supplier Company Name:

Email Address:

Address:

Manage Suppliers :

PHARMACIA
Logout

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

SUPPLIERS LIST

| Supplier ID | Company Name | Address | Phone Number | Email Address | Action |
|-------------|------------------------|-----------------------|--------------|-----------------------|-------------|
| 1 | Sangli Medical Hub LLP | Kolhapur Road, Sangli | 9087651290 | SangliLLP12@gmail.com | Edit Delete |
| 2 | Sevam Pharma | Station Chowk, Sangli | 5678901268 | Sevam@gmail.com | Edit Delete |

Update Suppliers :

PHARMACIA
Logout

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

UPDATE SUPPLIER DETAILS

Supplier ID:

Phone Number:

Supplier Company Name:

Email Address:

Address:

Update

Add Purchase :

PHARMACIA

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

Logout

ADD PURCHASE DETAILS

Purchase ID:

Purchase Cost:

Supplier:

Date of Purchase:

Medicine ID:

Manufacturing Date:

Purchase Quantity:

Expiry Date:

Add Purchase

Manage Purchase :

PHARMACIA

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

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 syp | 20 | 450.00 | 2025-03-24 | 2022-01-18 | 2028-11-01 | <div>Edit</div> <div>Delete</div> |
| 2 | 1 | 2 | Anafortan 60ml syp | 18 | 900.00 | 2025-03-08 | 2022-02-19 | 2025-04-25 | <div>Edit</div> <div>Delete</div> |
| 3 | 2 | 5 | Calpol 120 mg syp | 10 | 600.00 | 2025-03-10 | 2024-03-11 | 2028-11-13 | <div>Edit</div> <div>Delete</div> |
| 4 | 2 | 6 | Ondem Syp 30ml | 12 | 540.00 | 2025-02-12 | 2025-01-01 | 2028-11-17 | <div>Edit</div> <div>Delete</div> |

Update Purchase :

PHARMACIA

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

Logout

UPDATE PURCHASE DETAILS

Purchase ID:

Supplier ID:

Medicine ID:

Purchase Quantity:

Purchase Cost:

Date of Purchase:

Manufacturing Date:

Expiry Date:

Update

Add Employee Details :

PHARMACIA

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

Logout

ADD EMPLOYEE DETAILS

Employee ID:

First Name:

Last Name:

Date of Birth:

Age:

Sex:

Employee Type:

Date of Joining:

Salary:

Phone Number:

Email ID:

Address:

Add Employee

Manage Employee :

PHARMACIA

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

Logout

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 | Edit Delete |
| 3 | Avinash | Patil | 2000-03-02 | 28 | Male | Pharmacist | 2025-02-01 | 5000.00 | 8912680125 | Avi@gmail.com | Sangli | Edit Delete |

Employee Update :

PHARMACIA

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

Logout

UPDATE EMPLOYEE DETAILS

Employee ID:

Employee Type:

First Name:

Date of Joining:

Last Name:

Salary:

Date of Birth:

Phone Number:

Age:

Email ID:

Sex:

Address:

Update

Set Employee Password :

PHARMACIA

Logout

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

SET USERNAME AND PASSWORD

2

Username : Amit

Password : Amit2

Submit

Add Customer Details :

PHARMACIA

Logout

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

ADD CUSTOMER DETAILS

Customer ID:
3

First Name:
Varun

Last Name:
Kharat

Age:
23

Sex:
Male

Phone Number:
7834109423

Email ID:
varun67@gmail.com

Add Customer

Manage Customer :

PHARMACIA

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

Logout

CUSTOMER LIST

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

Update Customer :

PHARMACIA

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

Logout

UPDATE CUSTOMER DETAILS

Customer ID:

First Name:

Last Name:

Age:

Sex:

Phone Number:

Email ID:

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

Varun

Add to Proceed.

Azitharal 100 XL 60nl

Search

Medicine ID: 3

Category: Syrup

Quantity Available: 3

Medicine Name: Azitharal 100 Xl

Location: rack 2

Price of One Unit: 85.00

Quantity Required: 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 | Azitharal 100 XL 60nl | 2 | 85.00 | 170.00 | Delete |

Go Back to Sales Page

Complete Order

| | |
|-------|--------|
| Total | 170.00 |
|-------|--------|

Change Admin Password :

PHARMACIA

Dashboard
Medicine ▼
Suppliers ▼
Stock Purchase ▼
Employees ▼
Customers ▼
View Sales Invoice Details
View Sold Products Details
Add New Sale
Reports ▼

Logout

Change Password

| Username | Password | Action |
|----------|----------|-----------------------|
| admin | password | <button>Edit</button> |

Update Admin Password :

PHARMACIA

Dashboard
Medicine ▼
Suppliers ▼
Stock Purchase ▼
Employees ▼
Customers ▼
View Sales Invoice Details
View Sold Products Details
Add New Sale
Reports ▼

Logout

UPDATE PASSWORD

Username:

Password:

Update

Employee Login :

PHARMACIA

Pharmacy Management System

Pharmacist Login

Developed By Shripad Kothavale & Onkar Kulkarni


Employee Dashboard :

PHARMACIA
Logout(signed in as Amit)

- Dashboard
- View Medicine
- Add New Sale
- Customers ▼
- Change Password

PHARMACIST DASHBOARD





View Medicines :

PHARMACIA

Dashboard
View Medicine
Add New Sale
Customers▼
Change Password

Logout(signed in as Amit)

MEDICINE INVENTORY

| Medicine ID | Medicine Name | Quantity Available | Category | Price | Location in Store |
|-------------|-----------------------|--------------------|----------|--------|-------------------|
| 1 | Calpol 250 mg syp | 30 | Syrup | 110.00 | rack 1 |
| 2 | Anafortan 60ml syp | 34 | Syrup | 50.00 | rack 2 |
| 3 | Azitharal 100 XL 60nl | 1 | Syrup | 85.00 | rack 2 |
| 4 | Omee tab | 3 | Tablet | 55.00 | rack 1 |
| 5 | Calpol 120 mg syp | 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 syp 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 | Mulmin Syp 100ml | 14 | Syrup | 100.00 | rack 1 |

Employee Change Password :

PHARMACIA

Dashboard
View Medicine
Add New Sale
Customers▼
Change Password

Logout(signed in as Amit)

Change Password

| Username | Password | Action |
|----------|----------|-------------------------------------|
| Amit | Amit2 | <input type="button" value="Edit"/> |

Change Employee Password :

PHARMACIA

- Dashboard
- View Medicine
- Add New Sale
- Customers ▾
- Change Password

Logout

UPDATE PASSWORD

Username:
Amit

Password:
Amit2

Update

Add Sale :

PHARMACIA

- Dashboard
- View Medicine
- Add New Sale
- Customers ▾
- Change Password

Logout(signed in as Amit)

POINT OF SALE

*Select Customer ID (only once for a customer's sales) ▾ Add to Proceed. ...

Calpol 250 mg syp ▾ Search

Medicine ID: 1 Category: Syrup Quantity Available: 30

Medicine Name: Calpol 250 mg syp Location: rack 1 Price of One Unit: 110.00

Quantity Required: 4 Add Medicine

Sale Invoice :

PHARMACIA

- Dashboard
- View Medicine
- Add New Sale
- Customers ▾

Logout(signed in as Amit)

SALES INVOICE

| Medicine ID | Medicine Name | Quantity | Price | Total Price | Action |
|-------------|-------------------|----------|--------|-------------|--------|
| 1 | Calpol 250 mg syp | 4 | 110.00 | 440.00 | Delete |

Go Back to Sales Page Complete Order

Total 440.00

4.3 Output Design

Sales Details :

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

| SALES INVOICE DETAILS | | | | |
|-----------------------|-------------|---------------------|-------------|-------------|
| 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 :

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

| LIST OF PRODUCTS SOLD | | | |
|-----------------------|----------------------|---------------|-------------|
| Sale ID | Medicine Name | Quantity Sold | Total Price |
| 23 | Anafortan 60ml syp | 2 | 100.00 |
| 24 | Ondem Syp 30ml | 2 | 90.00 |
| 26 | Anafortan 60ml syp | 2 | 100.00 |
| 27 | Omee tab | 1 | 55.00 |
| 28 | Calcimax P syp 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 :

PHARMACIA

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

Logout

SALE REPORTS

Start Date:
End Date:

View Records

| 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 :

PHARMACIA

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

Logout

PURCHASE REPORTS

Start Date:
End Date:

View Records

| Purchase ID | Supplier Name | Medicine Name | Quantity | Date of Purchase | Cost of Purchase |
|-------------|------------------------|--------------------|----------|------------------|------------------|
| 1 | Sangli Medical Hub LLP | Calpol 250 mg syp | 20 | 2025-03-24 | 450.00 |
| 2 | Sangli Medical Hub LLP | Anafortan 60ml syp | 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 syp | 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

Sangli Medical Hub LLP ▾

Submit

| Supplier Name | Medicine Name | Medicine Price | Quantity | Total Amount | Date |
|------------------------|--------------------|----------------|----------|--------------|------------|
| Sangli Medical Hub LLP | Calpol 250 mg syp | 110.00 | 20 | 450.00 | 2025-03-24 |
| Sangli Medical Hub LLP | Anafortan 60ml syp | 50.00 | 18 | 900.00 | 2025-03-08 |
| Sangli Medical Hub LLP | Mulmin Sy 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

Safia ▾

Submit

| Customer Name | Date | Medicine Name | Medicine Price | Quantity | Total Amount |
|---------------|------------|----------------------|----------------|----------|--------------|
| SafiaMalik | 2025-03-27 | Calcimax P syp 100ml | 260.00 | 2 | 520.00 |
| SafiaMalik | 2025-03-27 | Omee tab | 55.00 | 1 | 55.00 |
| SafiaMalik | 2025-03-24 | Anafortan 60ml syp | 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 | Azitharal 100 XL 60nl | 1 | Syrup | 85.00 | rack 2 |
| 4 | Omee tab | 3 | Tablet | 55.00 | rack 1 |
| 7 | Gelusil Syrup 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.