(Permanently Affiliated to University of Mumbai)

Department of Electronics and Telecommunication Engineering

University of Mumbai

Academic Year 2022-23

Project Report on

Medical Management System

Submitted in partial fulfilment of the requirements

For the award of the degree of

Bachelor of Engineering

In

Electronics and Telecommunication Engineering

BY

OMKAR GOSAVI   A619

KEDAR SAWANT A634

JONAS NINAN MATHEW A628

HARSH KAMBLE A631

Under the Supervision of **Prof. Abhilasha Raghtate**

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CERTIFICATE

This is to certify that **OMKAR GOSAVI (A619), KEDAR SAWANT (A634), JONAS NINAN MATHEW (A628), HARSH KAMBLE (A631)** Of **T.E Division A** have completed the project working on the subject of Mini Project **"Medical Management System"** as prescribed by the University of Mumbai during the academic year 2022-2023 under the guidance of **Prof. Abhilasha Raghtate** in the Department of Electronics & Telecommunication Engineering (EXTC).

Prof. Abhilasha Raghtate   **Dr. S. D. Deshmukh**

(Staff in-charge)   (Head of the Department)

Date:
Place: Mumbai

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ACKNOWLEDGEMENT

The work of a mini project **"Medical Management System"** is a contribution and effort of a team. We take this opportunity to express deep gratitude towards our mini project guide **Prof. Abhilasha Raghtate**, for providing guidance encouragement, and inspiration throughout the project work.

We wish to express our sincere thanks to the Head of the Department and members of the Department of Electronics & Telecommunication for their support and completion of the project work. We would also like to thank our all-batch mates for their valuable guidance.

(Students Signatures)

OMKAR GOSAVI   A619

KEDAR SAWANT   A634

JONAS NINAN MATHEW A628

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INTRODUTION

This is PHP and MySQL Project on Medical Store or Shop Management System and this Pharmacy Management System is a web-based PHP Project and it has been developed in PHP Language and MySQL database. With the help of this free pharmacy management system, we can manage medicine location details, medicine company data, medicine supplier data, live medicine inventory data, medicine purchase and sales data and even we can also create medicine sales bill also. The main object for develop Online Medical Store Management System with PHP and MySQL for overcome the manual errors in operate medical store and convert whole Medical Store Day to day work like managing sells, medicine purchase, medicine stock or inventory, medicine billing into computerized system.

This Medical Store Management System is web-based application, so multiple users can work on the system at the same time. This is nice project for your education purpose. If you want to learn How to build web application in PHP step by step, then this is best PHP Project in which you can learn lots of things regarding how to build big web application in PHP. In this Medical Shop Management System Project there are many modules like Medicine Category module, Location Rack module, medicine company module, medicine supplier module, medicine purchase module, medicine module and medicine module. By using this project User can easily manage the inventory of their medical store easily and generate medical sales bill also. Their whole medical store data will store in centralized system. So, from one location they can easily track the total sales, total purchase data, in stock medicine data and out of stock medicine data in single click.

PROPOSED SYSTEM

Proposed system is created using MySQL, PHP, CSS, HTML.

Software Requirements:
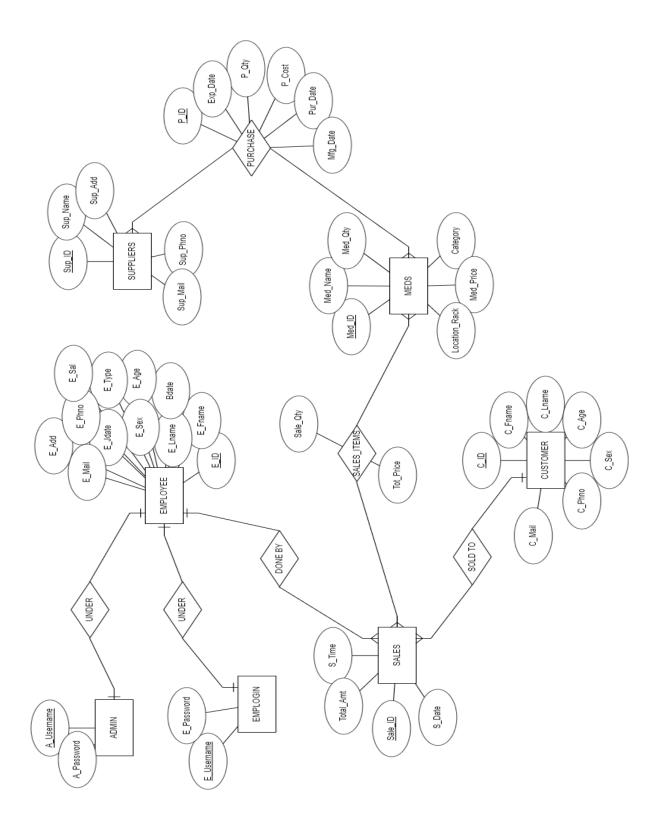
- MySQL
- PHP
- CSS
- HTML
- XAMPP Control server
- Visual Studio
- Internet Browser

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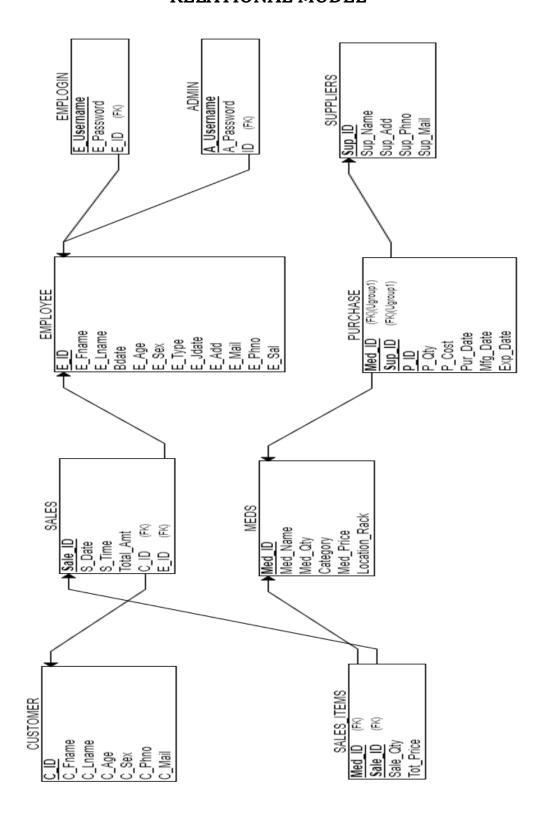RAJIV GANDHI INSTITUTE OF TECHNOLOGY
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ER DIAGRAM

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RELATIONAL MODEL

Program

adminmainpage.php

```
<!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;"> Medical Store Management System </h2>

            <p         style="margin-top:-20px;color:white;line-
height:1;font-size:12px;text-align:center">Developed    by,    Omkar
Gosavi, 2023</p>

            <a href="adminmainpage.php">Dashboard</a>

            <button class="dropdown-btn">Inventory

            <i class="down"></i>

            </button>

            <div class="dropdown-container">

                <a      href="inventory-add.php">Add      New
Medicine</a>

                <a            href="inventory-view.php">Manage
Inventory</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>

</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>
```

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```
            <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">Transactions
Reports</a>

            </div>

      </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">

      <img       src="carticon1.png"        style="padding:8px;margin-
left:450px;margin-top:40px;width:200px;height:200px;border:2px solid
black;" alt="Add New Sale">
```

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```html
        </a>


        <a href="inventory-view.php" title="View Inventory">
        <img     src="inventory.png"     style="padding:8px;margin-
left:100px;margin-top:40px;width:200px;height:200px;border:2px solid
black;" alt="Inventory">
        </a>


        <a href="employee-view.php" title="View Employees">
        <img src="emp.png" style="padding:8px;margin-left:100px;margin-
top:40px;width:200px;height:200px;border:2px     solid     black;"
alt="Employees List">
        </a>
        <br>
        <a href="salesreport.php" title="View Transactions">
        <img     src="moneyicon.png"     style="padding:8px;margin-
left:550px;margin-top:40px;width:200px;height:200px;border:2px solid
black;" alt="Transactions List">
        </a>


        <a href="stockreport.php" title="Low Stock Alert">
        <img     src="alert.png"     style="padding:8px;margin-
left:100px;margin-top:40px;width:200px;height:200px;border:2px solid
black;" alt="Low Stock Report">
        </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>
```

Mainpage.php

```
<!DOCTYPE html>

<html>


<link rel="stylesheet" type="text/css" href="login1.css">

<head>

<div class="header">

  <h1>Medical Store Management System</h1>

 <p        style="margin-top:-20px;line-height:1;font-size:30px;">A
Database Management Systems Project</p>

 <p                  style="margin-top:-20px;line-height:1;font-
size:20px;">Department of Electronics and Telecommunication</p>

</div>

<title>

Medical Store Management System

</title>
```

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```
</head>


<body>


    <br><br><br><br>

    <div class="container">

        <form method="post" action="">

            <div id="div_login">

                <h1>Admin Login</h1>

                <center>

                <div>

                    <input    type="text"    class="textbox"
id="uname" name="uname" placeholder="Username" />

                </div>

                <div>

                    <input   type="password"   class="textbox"
id="pwd" name="pwd" placeholder="Password"/>

                </div>

                <div>


                    <input      type="submit"      value="Submit"
name="submit" id="submit" />

                    <input   type="submit"   value="Click   here   for
Pharmacist Login" name="psubmit" id="submit" />


    <?php


        include "config.php";


        if(isset($_POST['submit'])){
```

```php
                $uname                                    =
mysqli_real_escape_string($conn,$_POST['uname']);

                $password                                 =
mysqli_real_escape_string($conn,$_POST['pwd']);


        if ($uname != "" && $password != ""){


                $sql="SELECT   *   FROM   admin   WHERE
a_username='$uname' AND a_password='$password'";

                $result = $conn->query($sql);

                $row = $result->fetch_row();

                if(!$row) {

                        echo "<p style='color:red;'>Invalid
username or password!</p>";

                }

                else {

                        session_start();

                        $_SESSION['user']=$uname;

    header('location:adminmainpage.php');

                }

            }

        }


        if(isset($_POST['psubmit']))

        {

                header("location:mainpage1.php");

        }

    ?>


                </div>
```

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```
                    </center>

                </div>

            </form>

        </div>


        <div class=footer>

        <br>

        Developed by, Omkar Gosavi, RGIT, EXTC, 2023

        <br><br>

        </div>


</body>


</html>
```
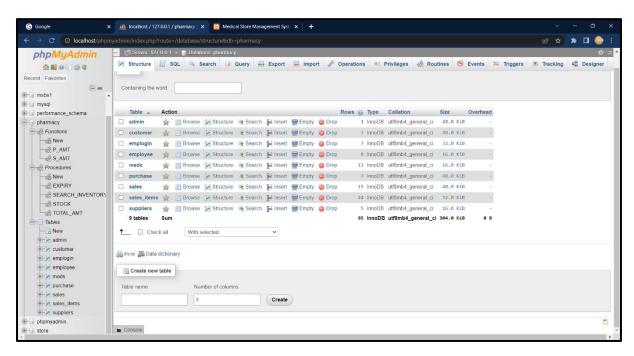
You can access to the project on following link:

https://github.com/Om007gosavi/Medical_Managemet_system.git

RESULTS
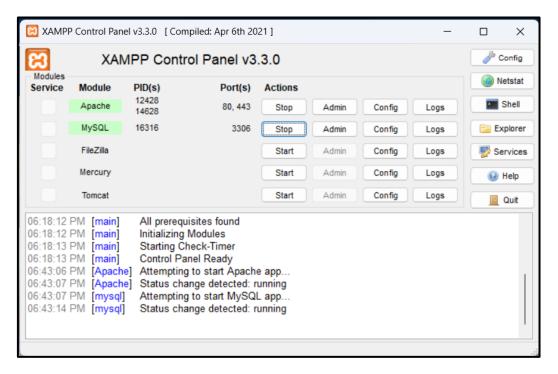
Figure 1: Starting Apache and MySQL from XAMPP server

Figure 2: Database and other tables

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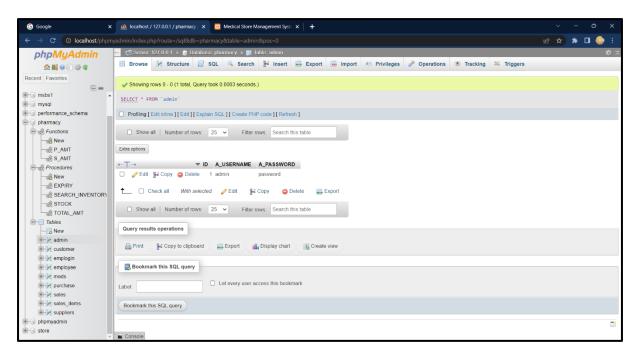
Figure 3: admin credentials

Figure 4: Employee Table
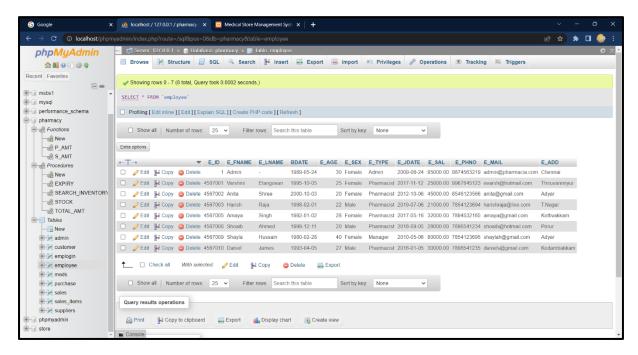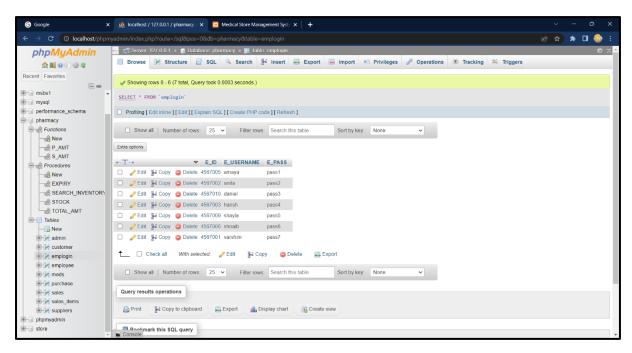
Figure 5: Employee login Details
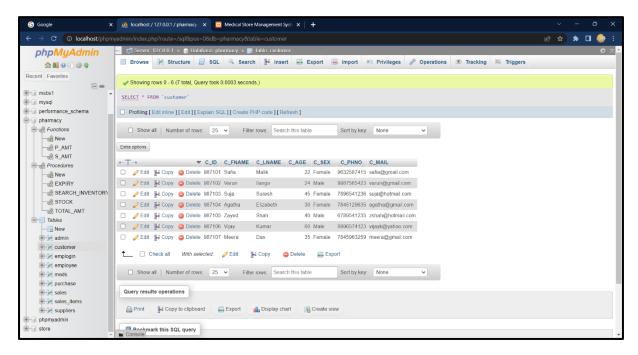
Figure 6: Customer Details
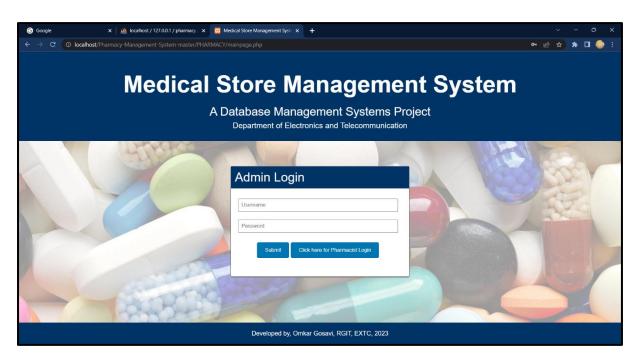
Figure 7: Main Page (Admin Login)
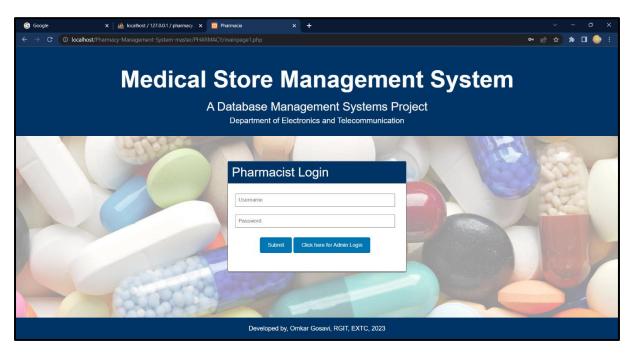
Figure 8: Pharmacist Login

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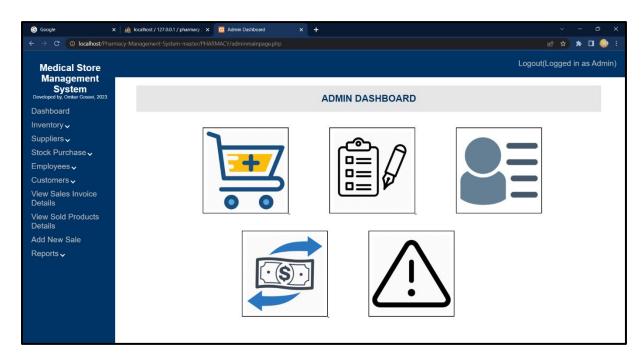
Figure 9: Dashboard
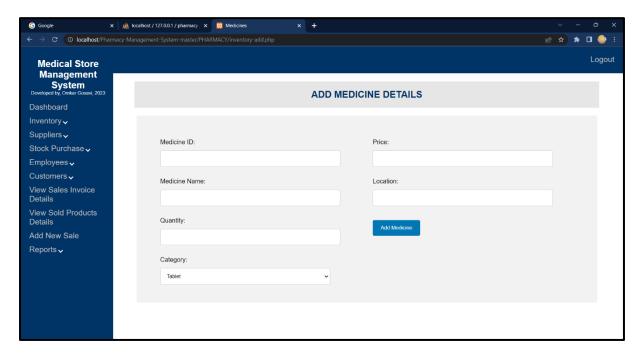
Figure 10: For Adding medicine Details
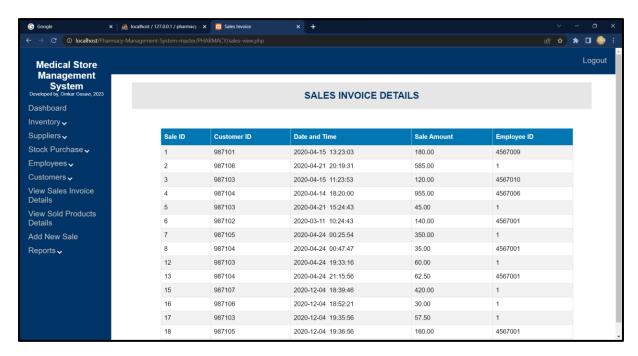
Figure 11: Sales Invoice
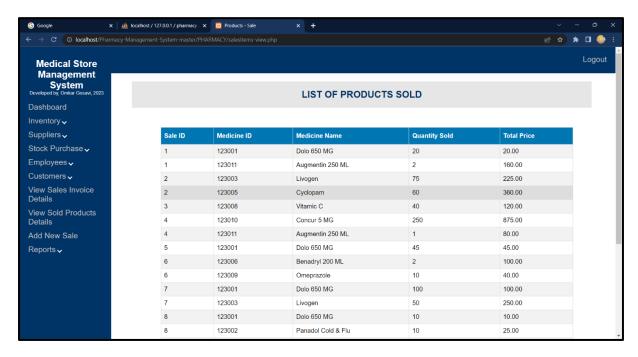
Figure 12: List of products Sold
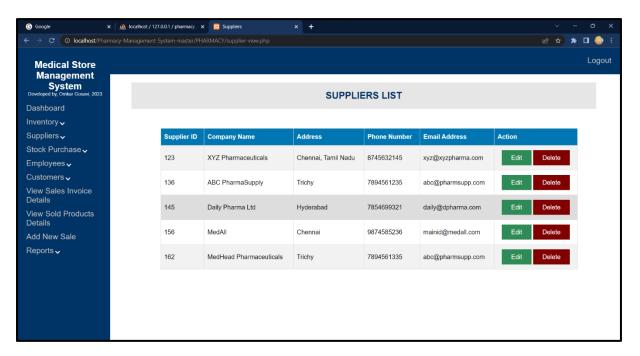
Figure 13: Suppliers List
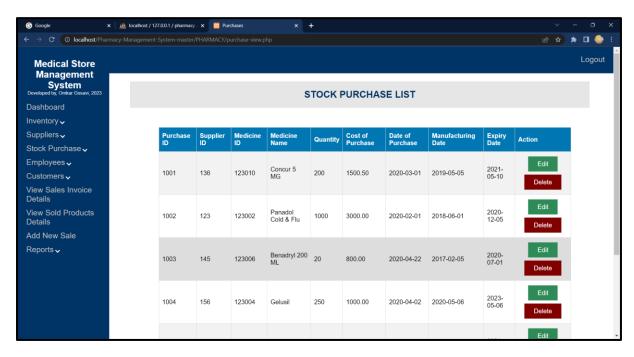
Figure 14: Stock Purchase List

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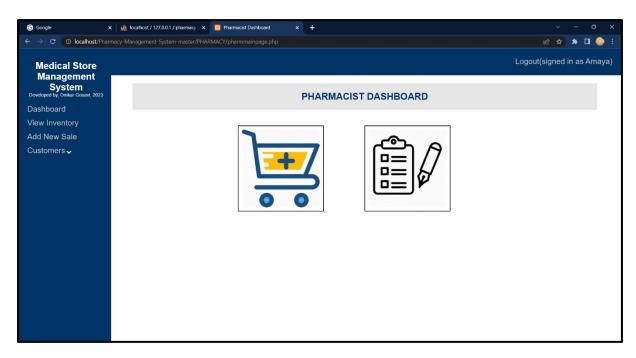## RAJIV GANDHI INSTITUTE OF TECHNOLOGY
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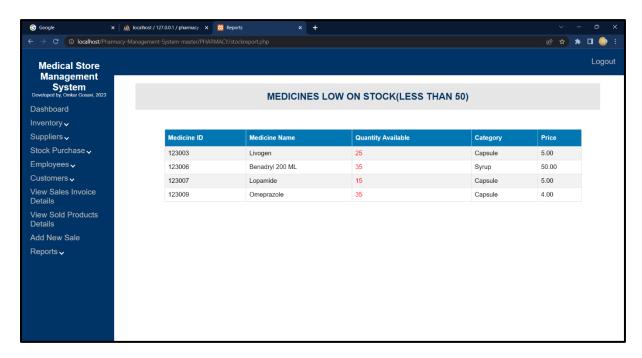
Figure 15: Medicine Low on stock
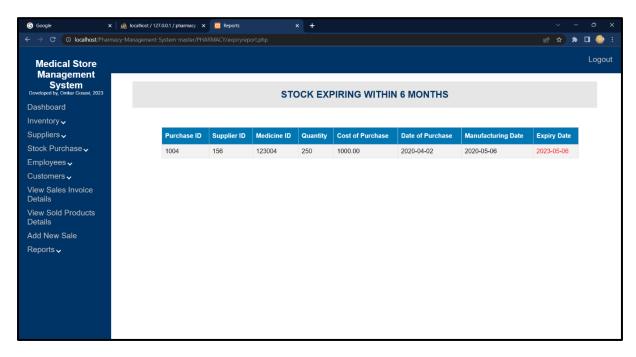
Figure 16: Stock Details

Figure 17: Pharmacist Dashboard

CONCLUSION

A medical management system can be an essential tool for healthcare organizations and medical professionals to manage patient information, medical records, appointments, and other aspects of healthcare operations.

Such systems can improve the efficiency of healthcare delivery, reduce errors, enhance communication between different healthcare providers, and ultimately improve patient outcomes.

However, implementing a medical management system requires careful consideration of factors such as cost, data security, user interface design, and integration with existing systems.

Moreover, it is crucial to ensure that the system complies with relevant legal and regulatory requirements, such as HIPAA regulations in the United States.

In conclusion, a well-designed and properly implemented medical management system can bring significant benefits to healthcare organizations and their patients, but it requires careful planning and execution to ensure its success.

REFERENCES

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2. Singh, D., & Kumar, A. (2014). Design and development of medical management system using database management system. International Journal of Engineering Trends and Technology, 10(3), 131-136.

3. Kesavan, N. N., & Kumar, G. R. (2016). Design and implementation of medical management system using DBMS. International Journal of Advanced Research in Computer Science and Software Engineering, 6(6), 188-193.

4. Gaur, V., & Arora, R. (2013). Development of a medical management system using database management system. International Journal of Emerging Technology and Advanced Engineering, 3(9), 149-154.