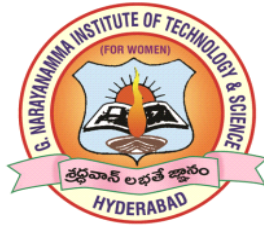


BATCH NO.2**ONLINE MEDICAL STORE**

**Mini-Project report submitted in partial fulfillment
of the requirement for the award of the degree of B. Tech
in Information Technology.**

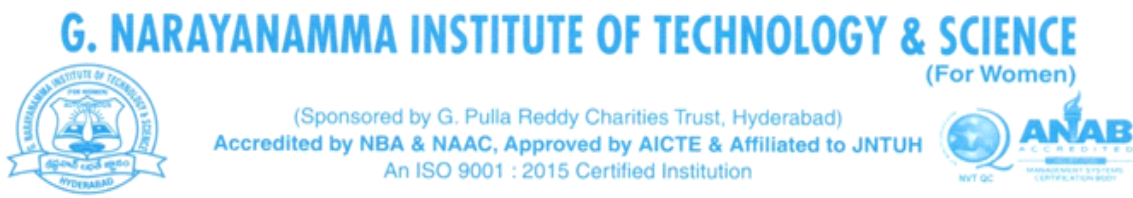
By**K CHAMUNDESHWARI 17251A1210**

**G. Narayanamma Institute of Technology and Science
(for Women)**

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Accredited by NBA & NACC, An ISO 9001:2015 Certified Institution
Shaikpet, Hyderabad – 500104, TS

February 2021

CERTIFICATE



This is to certify that the project report entitled **ONLINE MEDICAL STORE**
is bonafide work done by
K CHAMUNDESHWARI 17251A1210
under the guidance of M.Deepthi during August 2020 to February 2021, in partial
fulfillment for the award of degree in B.Tech in Information Technology,
to the G.Narayanamma Institute of Technology and Science is a record of bonafide work carried
out by me at our organization/institution.

Internal Guide
(M.DEEPTHI)

Head of the Department
(Dr.I.Ravi Prakash Reddy)

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Finally, we would also like to thank all the faculty and staff of IT Department who helped me directly or indirectly, parents and friends for their cooperation in completing the seminar work.

ABSTRACT

Online Medical Store is a project which is developed for easy maintenance of medical shop. This system reduces time consumption and human effort in maintaining the medical shop. This system provides easy access to maintain all the details of medicines and customers.

In this system all the apprehensive fields like purchasing and selling medicines, maintaining their inventory, generating sales invoices and the details of the customers are done effortlessly. This system maintains all the information about medicines and data of the customers which can be retrieved easily at anytime. This system provides a user-friendly interface in maintaining the data without any duplication.

In the existing system all the details of medicines and customers are taken manually which required more time for processing. All the details of the stock calculations and transactions are recorded manually which required more paper work. Report generation is very difficult and time consuming process. Customers need to make much effort in purchasing medicines. Searching the information about medicines or customers is complex. Problems like data loss or duplication may occur when modified.

The proposed system is a user friendly system which requires less time. All the information can be stored in the database where we can make any changes to the data like modification or deletions easily without any data loss age or data duplication. In this system report generation is very fast and uncomplicated. All the calculations and transaction details are done within no time. Searching for any medicine and details of the customer is easy. User can also view all the medicines that are available in the store at anytime. This system provides security to the data.

Table of Contents

S.No.	Name	Page No.
1.	Introduction	1-2
	1.1 General/Domain Description	1
	1.2 Objective & Scope of the project	2
	1.3 Project Definition	2
2.	Literature Survey	3-4
	2.1 Existing System	3-4
	2.2 Drawbacks in Existing System	4
	2.3 Motivation for Proposed System	4
3.	Requirement Specification	5-10
	3.1 Overall description of the project (Use case Diagrams)	5
	3.2 Functional and Non- Functional requirements	6-7
	3.3 Design Specification(Class Diagrams/DFD/ E-R Diagrams)	8-9
	3.4 Software and Hardware Requirements	10
4.	Implementation	11-39
	4.1 Methodology (Flowcharts)	11-12
	4.2 System Architecture	13
	4.3 Modules Description with Algorithms/ Pseudo code	14-38
	4.4 Sequence Diagrams	39
5.	Testing	40-44
	Test Cases	
6.	Results and Conclusion	45-59
	6.1 Result Analysis/Performance Analysis	45-59
	6.2 Conclusion and Future Scope	59

APPENDIX:	60-69
Code	60-69
Bibliography/ References	69

List of Figures and Tables

Figure No.	Name	Page No.
1.	Use Case Diagram	5
2.	Class Diagram	8
3.	Activity Diagram	9
4.	Flowchart for User	11
5.	Flowchart for Admin	12
6.	System Architecture	13
7.	Sequence Diagram	59
Table-1: Test cases		40-44

1. Introduction

1.1 General / Domain Description

In the present time, the medical stores are looking for the services that are reliable and accurate for providing services to the customers and workers. Every store is making efforts to computerize their activities for providing better services to the customers. The system enables the manager of the store to record and manage all activities of the medical shop.

This system also enables the workforce of the medical store to offer their services in a manner which is more efficient and systematic which also improves the medical store. This also helps in analyzing the performance of the store. The medical store management software can organize the daily activities in the medical store such as information about tablets, billing, details of stock and others. The medical store management software enables us to maintain the details of purchase stock by the store and the details of the selling stock by customer wise.

This software also generates the automated bill for every sale and also generates the reports for the customer details, sell and stock. The use of this system reduces the time and effort involved In managing inventory of the medical store. It also reduces the hard work involved in using paper for record keeping. The use of this system enables the managers to easily record the details of their suppliers and assess them whenever required.

The use of medical store management systems improves the efficiency of staff of the store as it provides information about the medicines. The medical store management system can give ease to the medical stores in managing their paperwork, payment details and inventory online along With retrieving them.

1.2 Objective & Scope of the project

Objective

- To provide searching facilities on the basis of various factors like stocks and theirs.
- To manage the user details for analyzing sales and expenses.

- To keep track and manage all information.
- To show the description and information of the stocks and others.
- To enhance the efficiency of management in medical store.
- To improve the function of edit, add and update the records for the proper resource management.

Scope of the project

- The detail of medicine which is available in medical store is easily managed and organized by using this system.
- The medical store management system also helps in keeping track of the available stock of medicine and also updates them on a regular manner.
- This project enables to store the details of suppliers and the stocks supplied by them.
- The database for the customers and employees can also be managed by using this project.
- The designing of medical store management system saves the time which one spends in keeping records and managing payments of the stocks.
- The process of sailing medicine is very crucial as the medicine stores must keep an eye on the expiry date of every stock and medicine. This project helps the medical stores to keep track on the expiry date of every medicine they have in the store.

After the designing and developing the software of the medical store management system, it can be used by the medical stores for conducting, organizing and managing the different activities that are involved in keeping inventory, managing payments and others in medical stores.

1.3 Project Definition

The project is designed for developing the medical store management system whose purpose is to reduce the complexities of record keeping and documentation and list of suppliers. The medical store management software can organize the daily activities in the medical store such as

Information about tablets, billing, details of stock and others. The major components of medical store management are inventory and warehouse management.

2. Literature Survey

This project is used by medical stores to maintain the details of medical store such as stock and accounts. The medical store management is so designed to ease the workload of medical store professionals. The main feature includes inventory and stock control, accounting, client and supplier management.

In this project we tried to develop a computerized and web based medical store management system. It needs a pharmacist to check the expiry date of medicines twice a week and also it takes a lot of time to know whether a certain medicine is out of stock.

The stock records are maintained manually at present; these are to be automated and an application is required to relate them logically and relatively so that the current system can be replaced and automated without any major changes and problems. The application will give the user quick access to the records being maintained.

An efficient medical store management system can make the work easier by giving the details of the medicine when entered the name of the medicine such as expiry date, cost and availability of the medicine.

In this project we tried to develop a computerized and web based medical store management system. It needs a pharmacist to check the expiry date of medicines twice a week and also it takes a lot of time to know whether a certain medicine is out of stock.

2.1 Existing System:

At present Medical Stores maintain their day to day transactions manually. The existing medical Booking Store system is time consuming and requires more man power to function well. These shops have thousands of products they need to track of all these products to check the stock, expiry date etc., If they do not return the expiry products to the distributor in time then they lose that much amount. So it is very essential to track expiry items prior one month or before, then only they are able to return these products back. To find the product is also another

risky job. So a proper system is required. They need full pledged software to maintain their day to day transactions. Apart from this they do have regular update on stock, supplier wise cash transaction, daily sales report, etc.,

2.2 Drawbacks in existing system:

1. Keeping track of the expiry date of medicines overloads the work on the pharmacist and takes a huge amount of time.
2. Manually recording all the supplier and customers details can cause loss of data and takes up a lot of time.
3. Keeping track of all the inventory stock is a lot difficult.

2.3 Motivation for Proposed System:

The proposed system helps them in many ways. It helps them do billing very easily. Account maintenance also becomes easier. They can keep track of their purchases, sales, stocks and account details. The software is provided with all the master entries to enter any new product, or supplier, or customer to add or modify and delete.

The system handles all the aspects of the inventory control function. It allows the pharmacist to add and delete the medicines. Furthermore, the system eases the process of stock replenishment.

Compared to the current manual system, the implementation of the medical store management system will reduce the time spent on paperwork.

It also monitors the medicine movement history, Thus leads to the better inventory management of money allocated for the purchase of medicines.

3. REQUIREMENT SPECIFICATION

3.1 Overall Description of the Project (Use Case Diagrams)

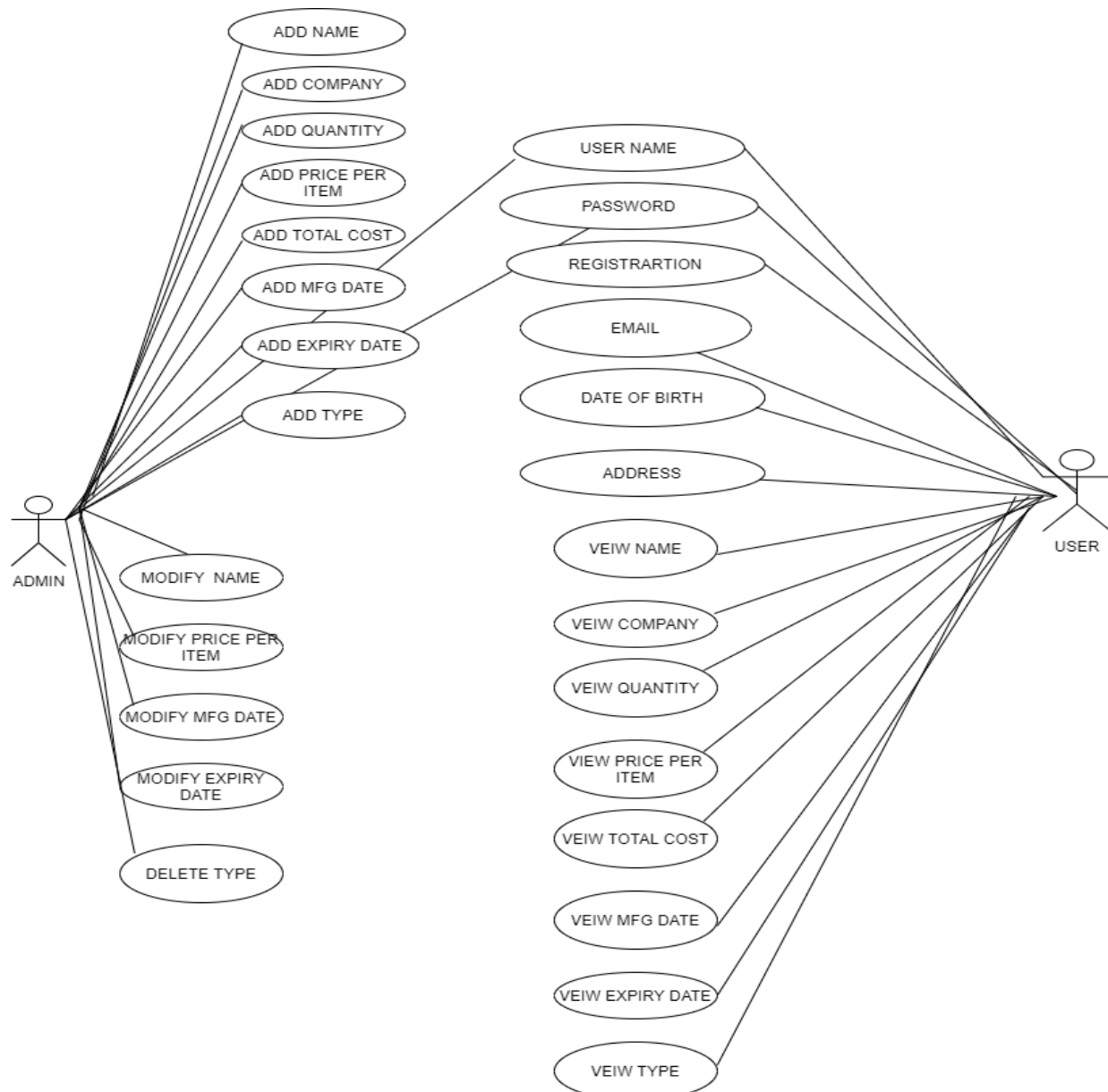


Fig 1. Use Case Diagram

3.2 Functional & Non-functional Requirements Specification

Functional Requirements

A functional requirement defines a function of a system or its component.

There are 2 main modules in this system

- A. User Module
- B. Admin Module

User Module:

- User must be able to create account using Email id, date of birth, email, password and address.
- User must be able to login using their credentials.
- User must be able to view the details of medicines.
- User must be able to view stock details.

Admin Module:

- Admin must be able to login into the system using his credentials.
- Admin must be able to view all the medicines.
- Admin must be able to view stock records.
- Admin must be able to delete records.
- Admin must be able to add records.
- Admin must be able to modify records.

Non- Functional Requirements

User Friendliness

- The device must be easy to be used by a wide range of people.
- The look and feel of the user interface should be pleasant.
- The usage of device must be easily understood by users.

Privacy and Security

- The medicine details are updated everyday.
- The stock inventory is kept intact.
- The software must ensure the integrity of the user account information.
- The behaviour of the software must be correct and predictable.

Accessibility

- The device must be accessible to a lot of users.

Scalability

- The device is scalable to a large group of people.
- The device due its easy implementation must be able to be used by many users.

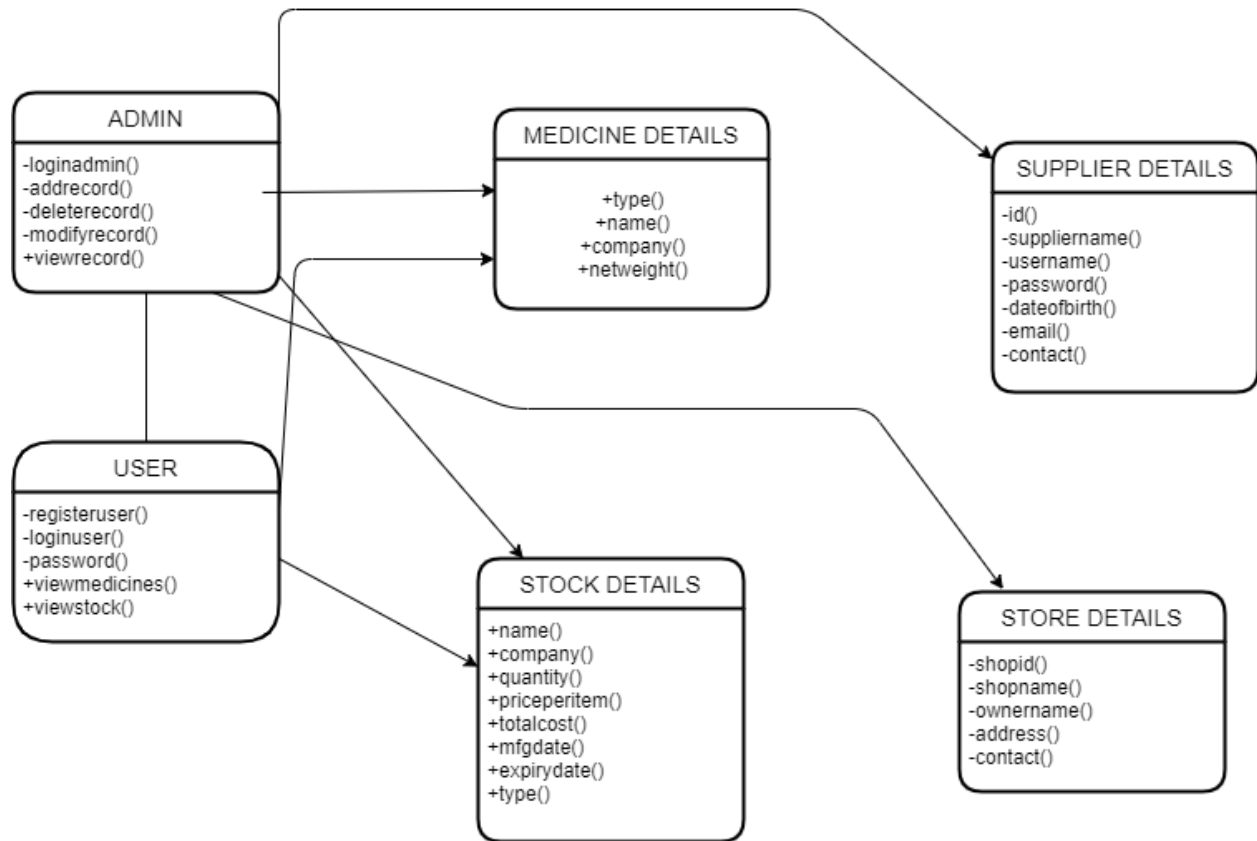
Maintainability

- The device must be easy to be maintained by the user.
- The device must be able to provide users easy maintainability by making the device portable.

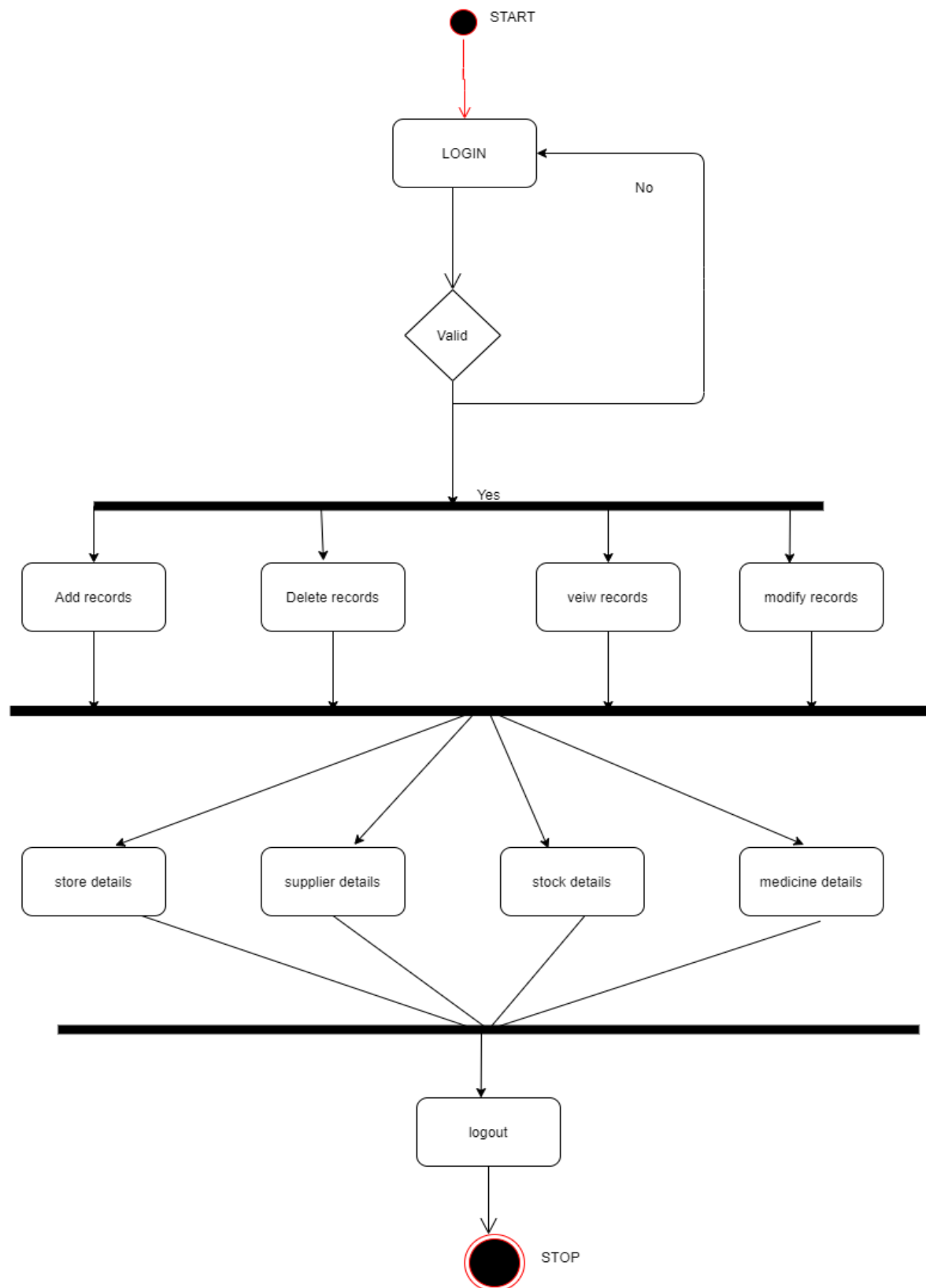
Reliability

- The system provides storage of all databases.
- The reliability of the overall program depends on the reliability of the separate components.
- The main pillar of reliability of the system is the backup of the database which is continuously maintained and updated to reflect the most recent changes.

3.3 Design Specification (Class Diagrams / DFD / E-R Diagrams)**Class Diagram:**



Activity Diagram:



3.4 Software and Hardware Requirements

Software Requirements

- Android Studio
- Firebase
- Windows 7 and above
-

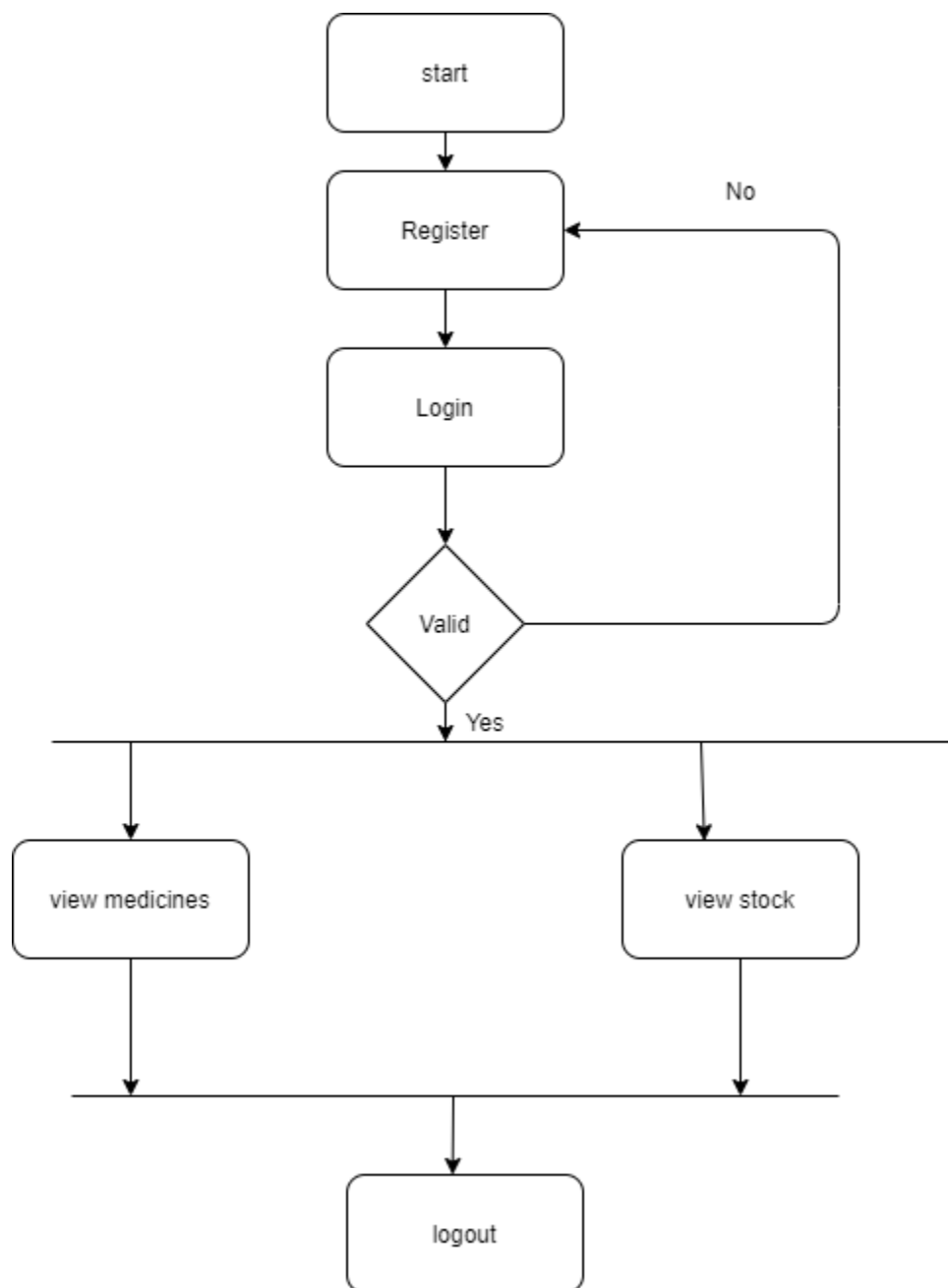
Hardware Requirements

- 8GB RAM laptop.
- Any Android device.

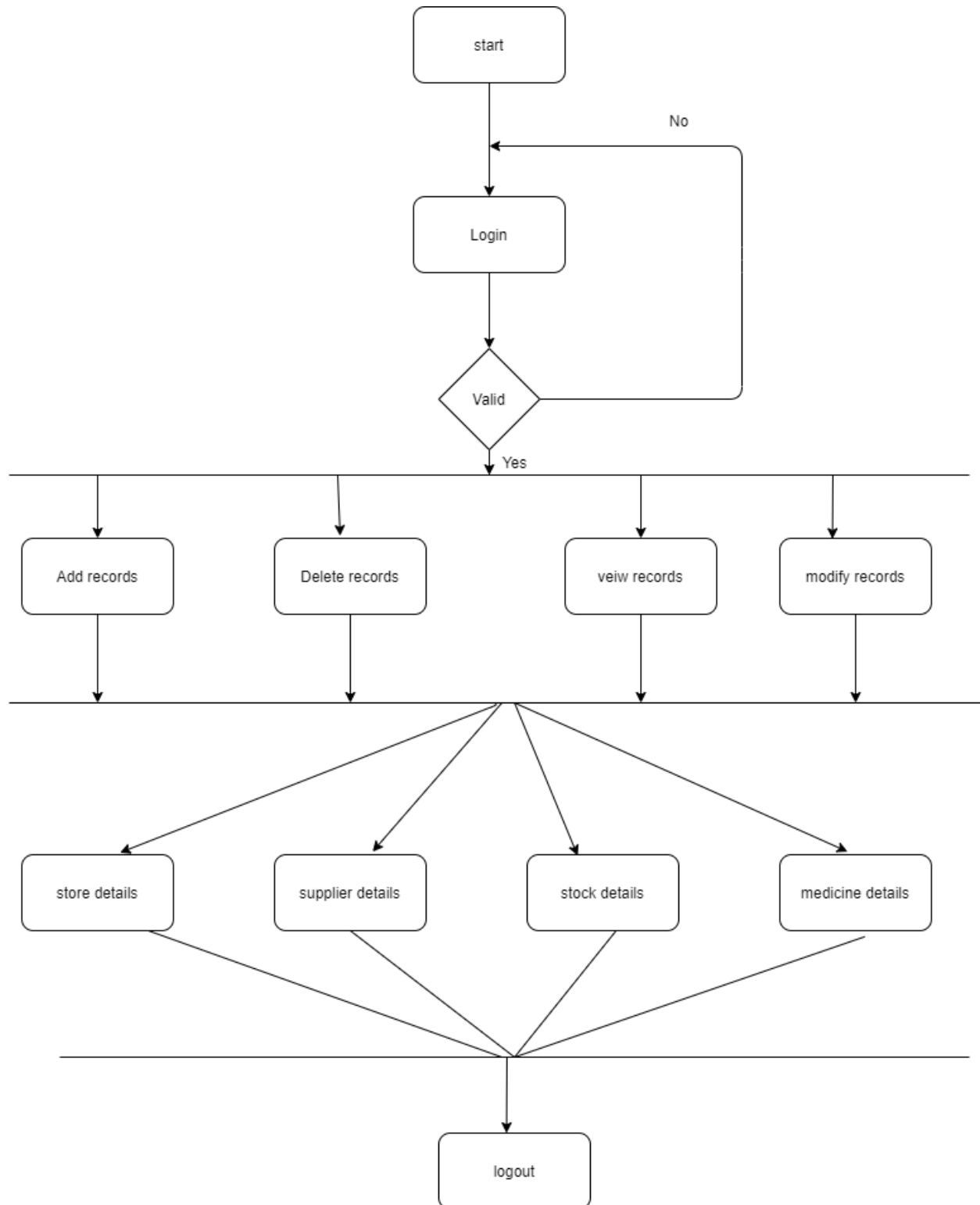
4. IMPLEMENTATION

4.1 Methodology

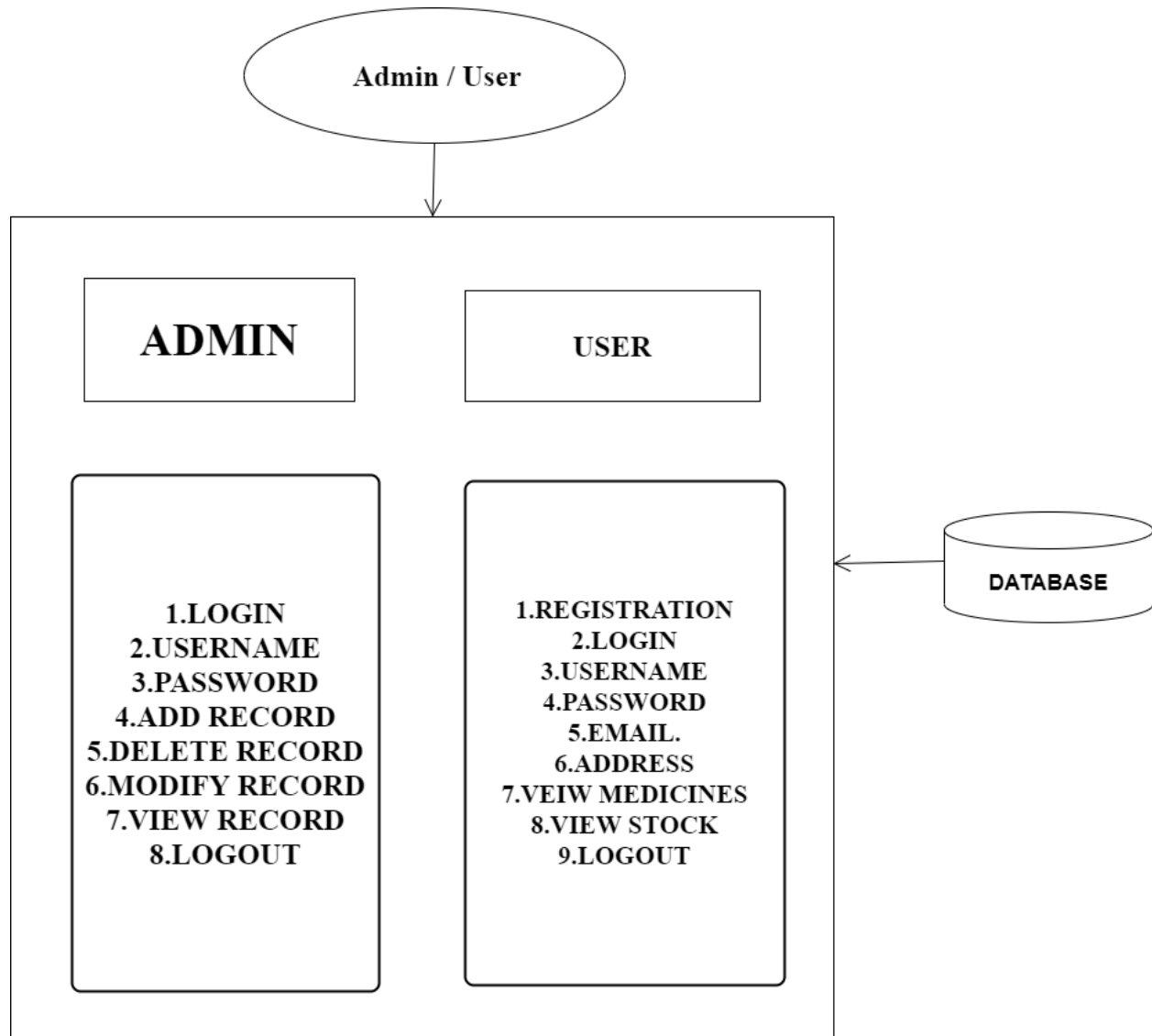
4.1.1 Flowchart for User:



4.1.2 Flowchart for Admin:



4.2 System Architecture



4.3 Modules Description with Algorithms / Pseudo-code

User Module:

User can login into their account and view the stock and medicines available in the store and check the details of the medicines such as expiry date, mfg date, name, type, company.

Pseudo code:

1. User registration:

```
<?php
$db = mysqli_connect("localhost","root","", "user_");
if(!$db){
    die("Connection failed: ". mysqli_connect_error());
}
if(isset($_POST['submit']))
{
    $name = $_POST['name'];
    $username = $_POST['username'];
    $email = $_POST['email'];
    $phone= $_POST['phone'];
    $pass = $_POST['pass'];
    $addre = $_POST['addre'];
    $insert = mysqli_query($db,"INSERT INTO user(`name`, `username`, `email`,
    `phone`, `pass`, `addre`) VALUES
    ('$name','$username','$email','$phone','$pass','$addre')");
    if(!$insert)
    {
        echo "PLEASE ENTER ALL DETAILS";
    }
    else
```

```

        {
        echo "<br/><br/><br/><center>REGISTRATION SUCCESSFULLY!</center>";
        echo "<html>";
        echo "<head>";
        echo "<style>";
        echo "body {
        margin: 0;
        font-family: Arial, Helvetica, sans-serif;
        }
.navbar {
        overflow: hidden;
        background-color: #333;
        position: fixed;
        bottom: 0;
        width: 100%;
        }
.navbar a {
        float: left;
        display: block;
        color: #f2f2f2;
        text-align: center;
        padding: 14px 16px;
        text-decoration: none;
        font-size: 17px;
        }
.navbar a:hover {
        background-color: #ddd;
        color: black;
        }
.navbar a.active {
        background-color: #4CAF50;

```

```

        color: white;
    }
.navbar .icon {
    display: none;
}
@media screen and (max-width: 600px) {
    .navbar a:not(:first-child) {display: none;}
    .navbar a.icon {
        float: right;
        display: block;
    }
}

@media screen and (max-width: 600px) {
    .navbar.responsive .icon {
        position: absolute;
        right: 0;
        bottom:0;
    }
    .navbar.responsive a {
        float: none;
        display: block;
        text-align: left;
    }

}";
echo "</style>";
echo "</head>";
echo "<body>";
echo "<div class='navbar' id='myNavbar'>";
echo "<a href='homepage.php'>Home</a>";

```

```

echo "<a href='userlogin.php'>USER</a>";

echo "</div>";
}
}
mysqli_close($db); // Close connection
?>

<html>
<head>
<title>USER REGISTRATION</title>
<script type="text/javascript">
function back(){
window.history.forward();
}
setTimeout("back()",0);
window.onunload=function(){null};
</script>
<style>
body{
margin: 0;
padding: 0;
background: url('reg.jpg') no-repeat center center fixed;
-webkit-background-size: cover;
-moz-background-size: cover;
-o-background-size: cover;
background-size: cover;
background-position: center;
}
.loginbox{
width: 320px;

```

```

height: 610px;
background: transparent;
border: 0.25px solid black;
color: #fff;
top: 20%;
left: 40%;
position: absolute;
transform: translate(-50%,-50%);
box-sizing: border-box;
padding: 70px 30px;
}
h1{
margin: 0;
padding: 0 0 20px;
text-align: center;
font-size: 22px;
color: black;
}
.loginbox p{
margin: 0;
padding: 0;
font-weight: bold;
color: black;
}
.loginbox input{
width: 100%;
margin-bottom: 20px;
}
.loginbox input[type="text"], input[type="password"], input[type="email"],
input[type="text"]{
border: 1px solid black;

```



```

//border-bottom: 1px solid #fff;
outline: none;
height: 40px;
font-size: 16px;
}
.loginbox input[type="submit"]{
border: none;
outline: none;
height: 40px;
background: #ffc107;
colour: #fff;
font-size: 18px;
border-radius: 20px;
}
.loginbox input[type="submit"]:hover{
cursor: pointer;
background: #FFFF99;
color: #000;
}
</style>
</head>
<body>
<div class="loginbox">
<h1>REGISTER</h1>
<form method="POST" action="userreg.php">
<p>NAME: <input type="text" id="name" name="name"></p>
<p>USERNAME: <input type="text" id="username" name="username"></p>
<p>MAIL: <input type="email" id="email" name="email"></p>
<p>PHONE: <input type="text" id="phone" name="phone"></p>
<p>PASSWORD: <input type="password" id="pass" name="pass"></p>
<p>ADDRESS: <input type="text" id="addre" name="addre"></p>

```

```

<input type="submit" name="submit" id="submit" value="REGISTER"><br/><br/>
</form>
</body>
</html>

```

2. User login

```

<html>

<head>

<title>login</title>

<?php include 'links.php'?>

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

<script type="text/javascript">

function back(){

window.history.forward();

}

setTimeout("back()",0);

window.onunload=function(){ null};

</script>

</head>

<body>

<header>

<div class="container center-div shadow">

<div class="heading text-center mb-5 text-uppercase text-white">USER
LOGIN</div>

<div class="container row d-flex flex-row justify-content-center mb-5">

<div class="user-form shadow p-2">

```

```

<form action="ulogincheck.php" method="POST">
<div class="form-group">
<label>Username</label>
<input type="text" name="username" value="" class="form-control"
autocomplete="off">
</div>
<div class="form-group">
<label>Password</label>
<input type="password" name="pass" value="" class="form-control"
autocomplete="off">
</div>
<input type="submit" class="btn btn-success" name="submit">
<a href="ureg.php">NOT A USER?</a>
</form>
</div>
</div>
</div>
</header>
</body>
</html>

```

```

<?php
session_start();

$con = mysqli_connect("localhost","root","","user_");

```

```

if(!$con)

{

die("Connection failed: ". mysqli_connect_error());

}

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

{

$username=$_POST['username'];

$password=$_POST['pass'];

$sql="select * from user where username='$username' and pass='$password'";

$query=mysqli_query($con,$sql);

$row=mysqli_num_rows($query);

if($row==1){

echo "login successful";

$_SESSION['username']=$username;

header('location:usermain.php');

}

else{

echo "login failed";

header('location:userlogin.php');

}

}

?>

```

Admin Module:

The administrative module is responsible for adding, deleting, modifying, viewing records of store, medicine, supplier, stock inventory of the medical store management system.

1. Registration admin:

```
<html>
<head>
<title>ADMIN REGISTRATION</title>
<script type="text/javascript">
function back(){
window.history.forward();
}
setTimeout("back()",0);
window.onunload=function(){null};
</script>
<style>
body{
margin: 0;
padding: 0;
background: url('reg.jpg') no-repeat center center fixed;
-webkit-background-size: cover;
-moz-background-size: cover;
-o-background-size: cover;
background-size: cover;
background-position: center;
}
.loginbox{
width: 320px;
height: 480px;
background: transparent;
```

```
border: 0.25px solid black;
color: #fff;
top: 20%;
left: 40%;
position: absolute;
transform: translate(-50%,-50%);
box-sizing: border-box;
padding: 70px 30px;
}
h1{
margin: 0;
padding: 0 0 20px;
text-align: center;
font-size: 22px;
color: black;
}
.loginbox p{
margin: 0;
padding: 0;
font-weight: bold;
color: black;
}
.loginbox input{
width: 100%;
margin-bottom: 20px;
}
.loginbox input[type="text"], input[type="password"], input[type="email"],
input[type="text"]{
border: 1px solid black;
border-bottom: 1px solid #fff;
outline: none;
```

```

height: 40px;
font-size: 16px;
}
.loginbox input[type="submit"]{
border: none;
outline: none;
height: 40px;
background: #ffc107;
colour: #fff;
font-size: 18px;
border-radius: 20px;
}
.loginbox input[type="submit"]:hover{
cursor: pointer;
background: #00b300;
color: #000;
}
</style>
</head>
<body>
<div class="loginbox">
<h1>REGISTER</h1>
<form method="POST" action="adreg.php">
<p>NAME: <input type="text" id="name" name="name"></p>
<p>USERNAME: <input type="text" id="username" name="username"></p>
<p>MAIL: <input type="email" id="mail" name="mail"></p>
<p>PASSWORD: <input type="password" id="pass" name="pass"></p>
<input type="submit" name="submit" id="submit" value="REGISTER"><br/><br/>
</form>
</body>
</html>

```

2. Login admin:

```
<html>
<head>
<title>login</title>
<?php include 'links.php'?>
<link rel="stylesheet" type="text/css" href="logstyle.css">
<script type="text/javascript">
function back(){
window.history.forward();
}
setTimeout("back()",0);
window.onunload=function(){null};
</script>
</head>
<body>
<header>
<div class="container center-div shadow">
<div class="heading text-center mb-5 text-uppercase text-white">ADMIN LOGIN</div>
<div class="container row d-flex flex-row justify-content-center mb-5">
<div class="admin-form shadow p-2">
<form action="logincheck.php" method="POST">
<div class="form-group">
<label>Username</label>
<input type="text" name="username" value="" class="form-control" autocomplete="off">
</div>
<div class="form-group">
<label>Password</label>
<input type="password" name="pass" value="" class="form-control" autocomplete="off">
</div>
<input type="submit" class="btn btn-success" name="submit">
```



```
<a href="adminreg.php">NOT A USER?</a>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</header>
```

```
</body>
```

```
</html>
```

```
<?php
```

```
session_start();
```

```
$con = mysqli_connect("localhost","root","","admin");
```

```
if(!$con)
```

```
{
```

```
    die("Connection failed: ". mysqli_connect_error());
```

```
}
```

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

```
{
```

```
    $username=$_POST['username'];
```

```
    $pass=$_POST['pass'];
```

```
    $sql="select * from register where username='$username' and pass='$pass'";
```

```
    $query=mysqli_query($con,$sql);
```

```
    $row=mysqli_num_rows($query);
```

```
    if($row==1){
```

```
        echo "login successful";
```

```
        $_SESSION['username']=$username;
```

```
        header('location:detailmain.php');
```

```
    }
```

```
    else{
```

```
        echo "login failed";
```

```

header('location:adminlogin.php');
}
}
?>

```

Data Base Design:

1. Add Module:

```

<?php
$db = mysqli_connect("localhost","root","","medical");

if(!$db)
{
    die("Connection failed: ". mysqli_connect_error());
}

if(isset($_POST['submit']))
{
    $mid = $_POST['mid'];
    $mname = $_POST['mname'];
    $mprice=$_POST['mprice'];
    $mcom = $_POST['mcom'];
    $mweight = $_POST['mweight'];
    $insert = mysqli_query($db,"INSERT INTO medicine(mid,mname,mprice,mcom,mweight)
VALUES ('$mid','$mname','$mprice','$mcom','$mweight')");
    if(!$insert)
    {
        echo "<html>";
        echo "<head>";
        echo "<style>";
        echo "table, th, td {
                border: 1px solid black;
                border-collapse: collapse;
            }
            th, td {
                padding: 10px;
            }
            .center{
                margin-left: auto;
                margin-right: auto;
            }
            body{

```

```

        background-color:#BEEAF9;
        border: 2px solid blue;
        border-radius: 6px;
    }
";
    echo "</style>";
    echo "</head>";
    echo "<body>";
    echo "<br/><br/><br/><br/><br/>";
    echo "<center><b><i>RECORDS NOT ADDED</i></b></center>";
    echo "</body>";

echo "</html>";
}
else
{
    echo "<html>";
    echo "<head>";
    echo "<style>";
    echo "table, th, td {
        border: 1px solid black;
        border-collapse: collapse;

        th, td {
            padding: 10px;
        }
        .center{
            margin-left: auto;
            margin-right: auto;
        }
        body{
            background-color:#BEEAF9;
            border: 2px solid blue;
            border-radius: 6px;
        }
        .navbar {
            overflow: hidden;
            background-color: #333;
            position: fixed;
            bottom: 0;
            width: 99%;
        }

        .navbar a {
            float: left;
            display: block;

```

```

color: #f2f2f2;
text-align: center;
padding: 14px 16px;
text-decoration: none;
font-size: 17px;
}

.navbar a:hover {
background-color: #ddd;
color: black;
}

.navbar a.active {
background-color: #4CAF50;
color: white;
}

.navbar .icon {
display: none;
}

@media screen and (max-width: 600px) {
.navbar a:not(:first-child) {display: none;}
.navbar a.icon {
float: right;
display: block;
}
}

@media screen and (max-width: 600px) {
.navbar.responsive .icon {
position: absolute;
right: 0;
bottom:0;
}
.navbar.responsive a {
float: none;
display: block;
text-align: left;
}
";
echo "</style>";
echo "</head>";
echo "<body>";
echo "<br/><br/><br/><br/><br/><br/>";
echo "<center><b><i>RECORDS ADDED SUCCESSFULLY!</i></b></center>";

```

```

        echo "<div class='navbar' id='myNavbar'>";
        echo "<a href='medimain.php'>BACK TO MEDICINE PAGE</a>";
        echo "</div>";
    echo "</body>";
    echo "</html>";
    $in=mysqli_query($db,"INSERT INTO cart(mid,mname,mcom,mweigh,mprice) SELECT
mid,mname,mcom,mweigh,mprice FROM medicine WHERE mid='$mid'");
    if(!$in)
    {
        echo"fail";
    }
}
}

mysqli_close($db);
?>

```

2. Delete Module:

```

<?php
$db = mysqli_connect("localhost","root","","medical");
if(!$db)
{
    die("Connection failed: " . mysqli_connect_error());
}
if(isset($_POST['delete']))
{
    $mid = $_POST['mid'];
    $delete = mysqli_query($db,"DELETE FROM medicine where mid=$mid");
    if(!$delete)
    {
        echo "PLEASE ENTER VALID ID";
    }
    else
    {
        echo "<html>";
        echo "<head>";
        echo "<style>";
        echo "table, th, td {
                border: 1px solid black;
                border-collapse: collapse;
            }
            th, td {
                padding: 10px;
            }
        ";
    }
}

```

```

        .center{
            margin-left: auto;
            margin-right: auto;
        }
        body{
            background-color:#BEEAF9;
            border: 2px solid blue;
            border-radius: 6px;
        }
        .navbar {
            overflow: hidden;
            background-color: #333;
            position: fixed;
            bottom: 0;
            width: 99%;
        }

        .navbar a {
            float: left;
            display: block;
            color: #f2f2f2;
            text-align: center;
            padding: 14px 16px;
            text-decoration: none;
            font-size: 17px;
        }

        .navbar a:hover {
            background-color: #ddd;
            color: black;
        }

        .navbar a.active {
            background-color: #4CAF50;
            color: white;
        }

        .navbar .icon {
            display: none;
        }

        @media screen and (max-width: 600px) {
            .navbar a:not(:first-child) {display: none;}
            .navbar a.icon {
                float: right;
                display: block;
            }
        }

```

```

    }
}

@media screen and (max-width: 600px) {
    .navbar.responsive .icon {
        position: absolute;
        right: 0;
        bottom: 0;
    }
    .navbar.responsive a {
        float: none;
        display: block;
        text-align: left;

        ";
    echo "</style>";
    echo "</head>";
    echo "<body>";
    echo "<br/><br/><br/><br/><br/><br/>";
    echo "<center><b><i>RECORDS DELETED SUCCESFULLY!</i></b></center>";
    echo "<div class='navbar' id='myNavbar'>";
    echo "<a href='medimain.php'>BACK TO MEDICINE PAGE</a>";
    echo "</div>";
    $in=mysqli_query($db,"DELETE from cart WHERE mid=$mid");
    echo "</body></html>";
}
}
mysqli_close($db); // Close connection
?>

```

3. Modify module

```

<?php
$db = mysqli_connect("localhost","root","","medical");
if(!$db)
{
    die("Connection failed: " . mysqli_connect_error());
}
if(isset($_POST['submit']))
{
    $mid = $_POST['mid'];
    $mname = $_POST['mname'];
    $mprice = $_POST['mprice'];
    $mcom = $_POST['mcom'];
    $mweight = $_POST['mweight'];
}

```

```

$modify = mysqli_query($db,"UPDATE medicine SET
mname='$mname',mcom='$mcom',mweigh=$mweigh,mprice=$mprice WHERE mid=$mid");
if(!$modify)
{
    echo "<br/><br/><br/><br/><center>PLEASE ENTER VALID DETAILS</center>";
}
else
{
    echo "<html>";
    echo "<head>";
    echo "<style>";
    echo "table, th, td {
        border: 1px solid black;
        border-collapse: collapse;

        th, td {
            padding: 10px;
        }
        .center{
            margin-left: auto;
            margin-right: auto;
        }
        body{
            background-color:#BEEAF9;
            border: 2px solid blue;
            border-radius: 6px;

        }
        .navbar {
            overflow: hidden;
            background-color: #333;
            position: fixed;
            bottom: 0;
            width: 100%;
        }

        .navbar a {
            float: left;
            display: block;
            color: #f2f2f2;
            text-align: center;
            padding: 14px 16px;
            text-decoration: none;
            font-size: 17px;
        }

        .navbar a:hover {

```



```

background-color: #ddd;
color: black;
}

.navbar a.active {
background-color: #4CAF50;
color: white;
}

.navbar .icon {
display: none;
}

@media screen and (max-width: 600px) {
.navbar a:not(:first-child) {display: none;}
.navbar a.icon {
float: right;
display: block;
}
}

@media screen and (max-width: 600px) {
.navbar.responsive .icon {
position: absolute;
right: 0;
bottom:0;
}
.navbar.responsive a {
float: none;
display: block;
text-align: left;
}
";
echo "</style>";
echo "</head>";
echo "<body>";
echo "<br/><br/><br/><br/><br/><br/>";
echo "<center><b><i>DETAILS MODIFIED SUCCESSFULLY!</i></b></center>";
echo "<div class='navbar' id='myNavbar'>";
echo "<a href='medimain.php'>BACK TO MEDICINE PAGE</a>";
echo "</div>";
echo "</body></html>";
$modify = mysqli_query($db,"UPDATE cart SET
mname='$mname',mprice=$mprice,mcom='$mcom',mweight=$mweight WHERE mid=$mid");
}
}

```

```
mysqli_close($db); // Close connection
?>
```

4. View Module

```
<?php
$db = mysqli_connect("localhost","root","","medical");
if(!$db)
{
    die("Connection failed: ".mysqli_connect_error());
}
if(isset($_POST['submit']))
{
    $mid = $_POST['mid'];

    $sql = "SELECT mid, mname,mprice, mcom ,mweigh FROM medicine where mid=$mid";
    $result = $db->query($sql);
    if ($result->num_rows != 0)
    {
        while($row = $result->fetch_assoc())
        {
            echo "<html>";
            echo "<head>";
            echo "<style>";
            echo "table, th, td {
                        border: 1px solid black;
                        border-collapse: collapse;
                    }
                    th, td {
                        padding: 10px;
                    }
                    .center{
                        margin-left: auto;
                        margin-right: auto;
                    }
                    body{
                        background-color:#BEEAF9;
                        border: 2px solid blue;
                        border-radius: 6px;
                    }
                }
.navbar {
    overflow: hidden;
    background-color: #333;
    position: fixed;
    bottom: 0;
```

```

width: 99%;
}

.navbar a {
float: left;
display: block;
color: #f2f2f2;
text-align: center;
padding: 14px 16px;
text-decoration: none;
font-size: 17px;
}

.navbar a:hover {
background-color: #ddd;
color: black;
}

.navbar a.active {
background-color: #4CAF50;
color: white;
}

.navbar .icon {
display: none;
}

@media screen and (max-width: 600px) {
.navbar a:not(:first-child) {display: none;}
.navbar a.icon {
float: right;
display: block;
}
}

@media screen and (max-width: 600px) {
.navbar.responsive .icon {
position: absolute;
right: 0;
bottom:0;
}
.navbar.responsive a {
float: none;
display: block;
text-align: left;
}
}

```

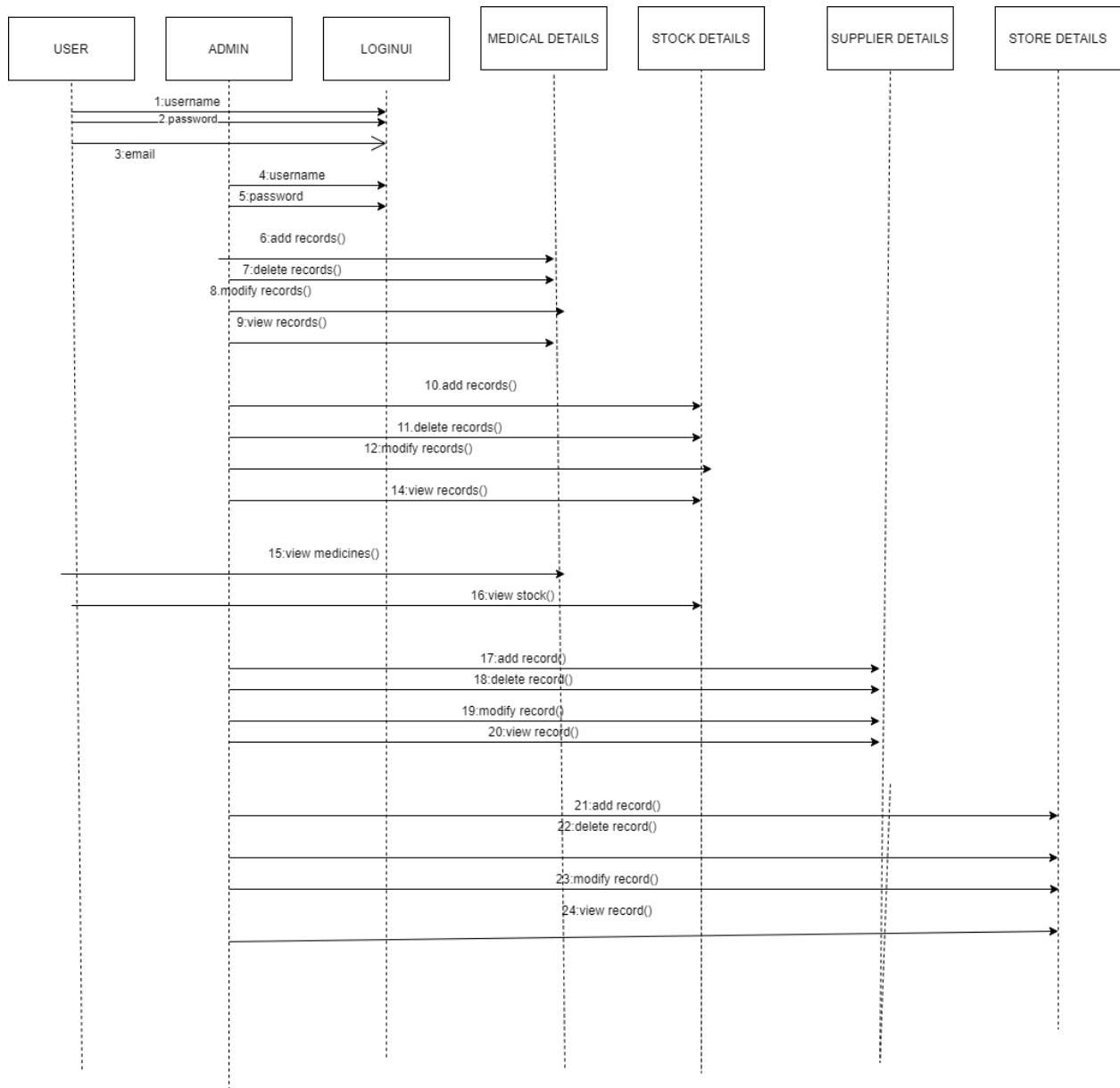
```

        ";
    echo "</style>";
    echo "</head>";
    echo "<body>";
    echo "<br/><br/><br/><br/><br/><br/>";
    echo "<h2><b><i><u><center>DETAILS OF THE
MEDICINE</center></u></i></b><h2>";
    echo "<br/>";
    echo "<table style='width:50%' class='center'>";
    echo "<tr>";
    echo "<th style='text-align:left'>I'd</th>";
    echo "<th style='text-align:left'>".$row['mid'].</th>";
    echo "</tr>";
    echo "<tr>";
    echo "<th style='text-align:left'>NAME</th>";
    echo "<th style='text-align:left'>".$row['mname'].</th>";
    echo "</tr>";
    echo "<tr>";
    echo "<th style='text-align:left'>COMPANY</th>";
    echo "<th style='text-align:left'>".$row['mcom'].</th>";
    echo "</tr>";
    echo "<tr>";
    echo "<th style='text-align:left'>PRICE</th>";
    echo "<th style='text-align:left'>".$row['mprice'].</th>";
    echo "</tr>";
    echo "<tr>";
    echo "<th style='text-align:left'>WEIGHT</th>";
    echo "<th style='text-align:left'>".$row['mweigh'].</th>";
    echo "</tr>";
    echo "</table>";
    echo "<div class='navbar' id='myNavbar'>";
    echo "<a href='medimain.php'>BACK TO MEDICINE PAGE</a>";
    echo "</div>";
    echo "</body>";
    echo "</html>";

    }
}
else
{
    echo "0 results";
}
}
mysqli_close($db); // Close connection
?>

```

4.4 Sequence Diagram:



5. TESTING:

5.1 Test Cases

Test Case 1: Login of the Admin

Test Case No.	Prerequisites	Test Case Name	Test Case Description	Expected Output	Actual Output	Status	Action/Notes
1.1	When the admin opens the app.	Login of admin.	Admin has to login using username and password given in the signup page.	If the login credentials are valid, successful login takes place.	Leads to the next page.	Passed	
1.2	When the admin opens the app.	Login of admin.	Admin has to login using username and password given in the signup page.	If the login credentials are invalid, login does not take place.	Prompt showed	Passed	

Test Case 2: Entering details of the user into registration form

Test Case No.	Prerequisites	Test Case Name	Test Case Description	Expected Output	Actual Output	Status	Action/Notes
---------------	---------------	----------------	-----------------------	-----------------	---------------	--------	--------------

2.1	When the user opens the app for the first time, she has to register. (new user)	Registration of the user for the first time	The user has to provide her details.	Mandatory fields such as name, password, email, mobile number are to be entered.	-do-	Passed	
2.2	When the user opens the app for the first time, she has to register. (new user)	Registration of the user for the first time	Validated fields to name, password, email, Address are saved in the database.	Prompt the user and ask him/her to enter email in correct format.	Prompt shown to the user	Passed	
1.3	When the user opens the app for the first time, she has to register. (new user)	Registration of the user for the first time	The user provides a password of size less than 8	Prompt the user and ask him/her to enter a valid password >8.	Prompt shown to the user	Passed	
1.4	When the user opens the app for the first time, she has to register. (new user)	Registration of the user for the first time	The user tries to submit without filling any field.	Prompt the user to fill out all the fields	Prompt shown to the user	Passed	

Test Case 3: Login of the user with registered details

Test Case No.	Prerequisites	Test Case Name	Test Case Description	Expected Output	Actual Output	Status	Action/Notes
3.1	The user must be a registered user.	Login of user once he/she got registered	After the successful registration he/she has to login using username and password given in the signup page	If the login credentials are valid, successful login takes place	Leads to the next page	Passed	
3.2	When a user opens a app	User isn't registered	If the user isn't registered	Prompt the user to register before login	Prompt showed	Passed	

Test Case 4: adding records

Test Case No.	Prerequisites	Test Case Name	Test Case Description	Expected Output	Actual Output	Status	Action/Notes
---------------	---------------	----------------	-----------------------	-----------------	---------------	--------	--------------

4.1	When the admin clicks on the add button.	Adding new records.	The admin has to provide medicine Details, stock details, supplier details.	Mandatory fields such as name, Company, mfg date, Type, Expiry date,shop id are to be entered.	Prompts record added successfully.	Passed	
-----	--	---------------------	---	--	------------------------------------	--------	--

Test Case 5: Deleting records

Test Case No.	Prerequisites	Test Case Name	Test Case Description	Expected Output	Actual Output	Status	Action/Notes
5.1	When the admin clicks on the delete button.	Deleting records.	The admin has to type ,shopId details.	Mandatory fields such as type, shop id are to be entered.	Prompts record deleted successfully.	Passed	

Test Case 6: modifying records

Test Case No.	Prerequisites	Test Case Name	Test Case Description	Expected Output	Actual Output	Status	Action/Notes
6.1	When the admin clicks on the modify button.	Modifying records.	The admin has to provide medicine Details, stock details, supplier	Mandatory fields such as name, Company, mfg date, Type, Expiry date,shop id	Prompts record updated successfully.	Passed	

			details.	are to be entered.			
--	--	--	----------	--------------------	--	--	--

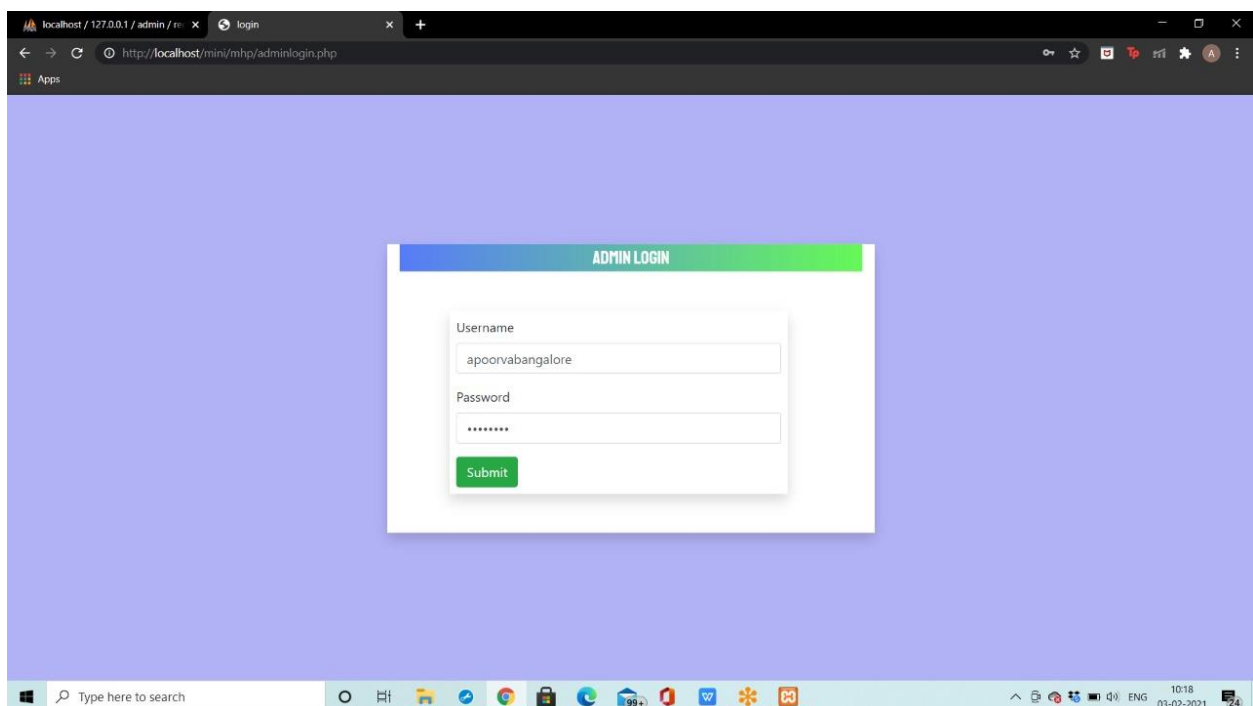
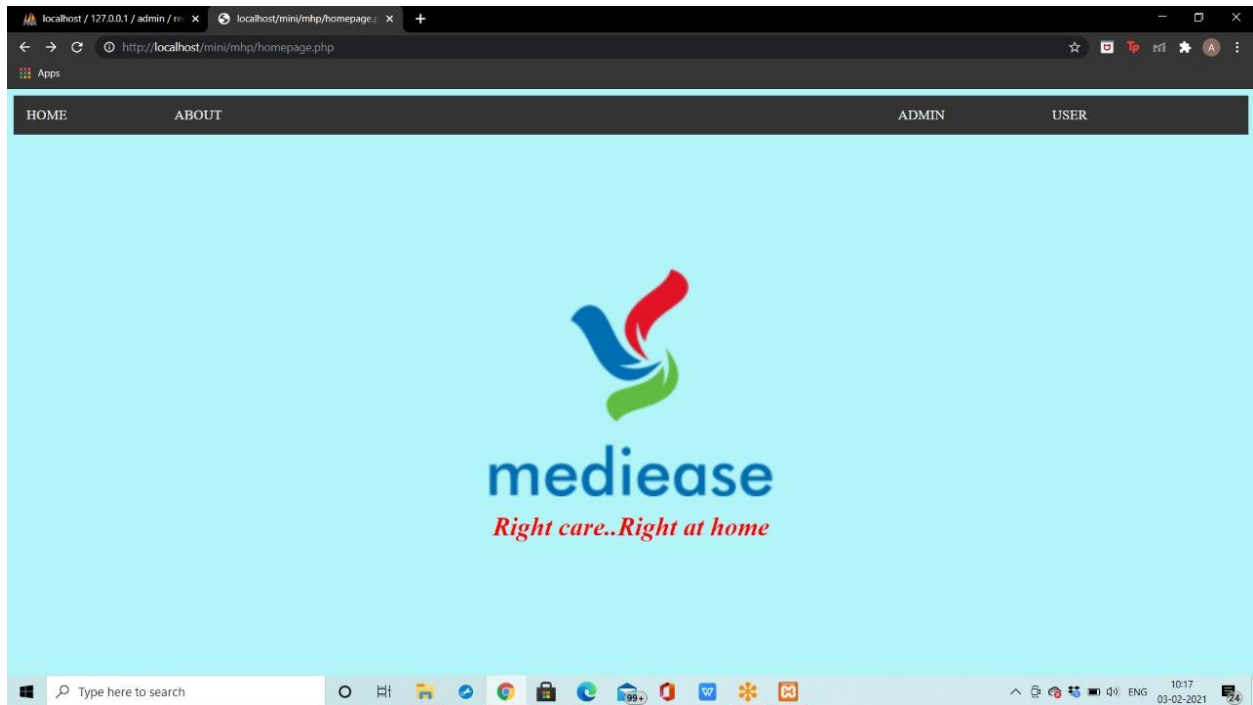
Test Case 7: viewing records

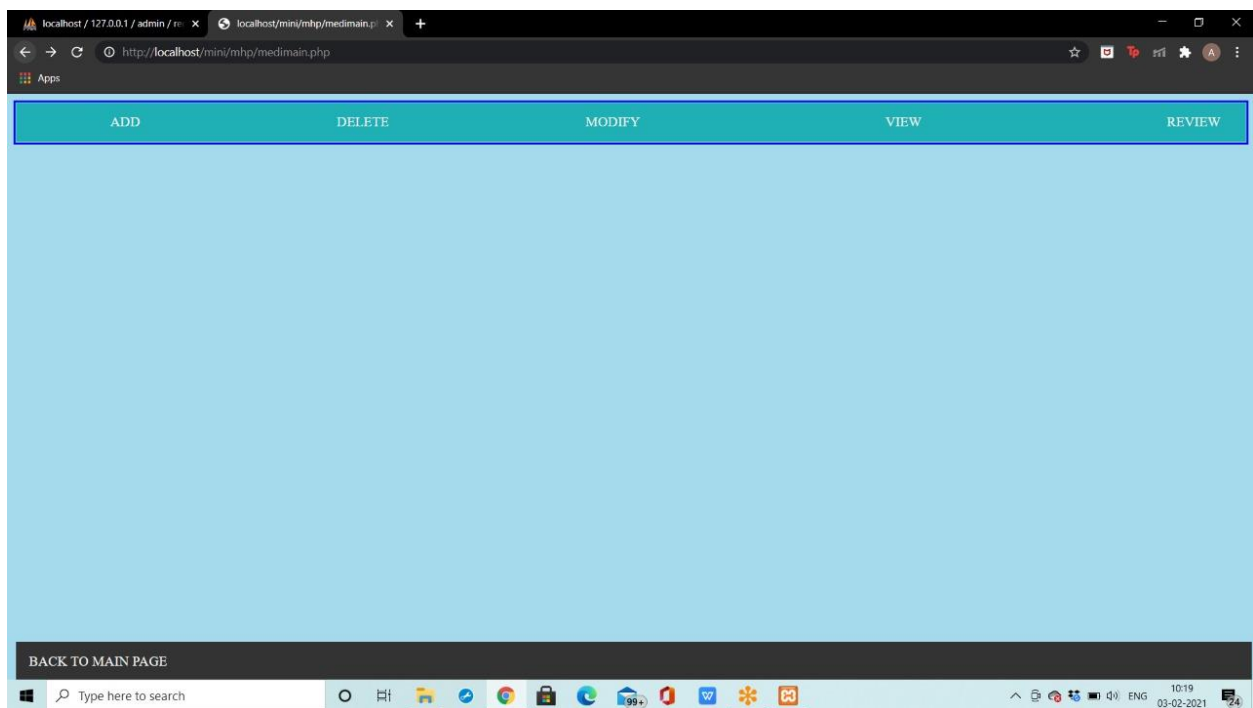
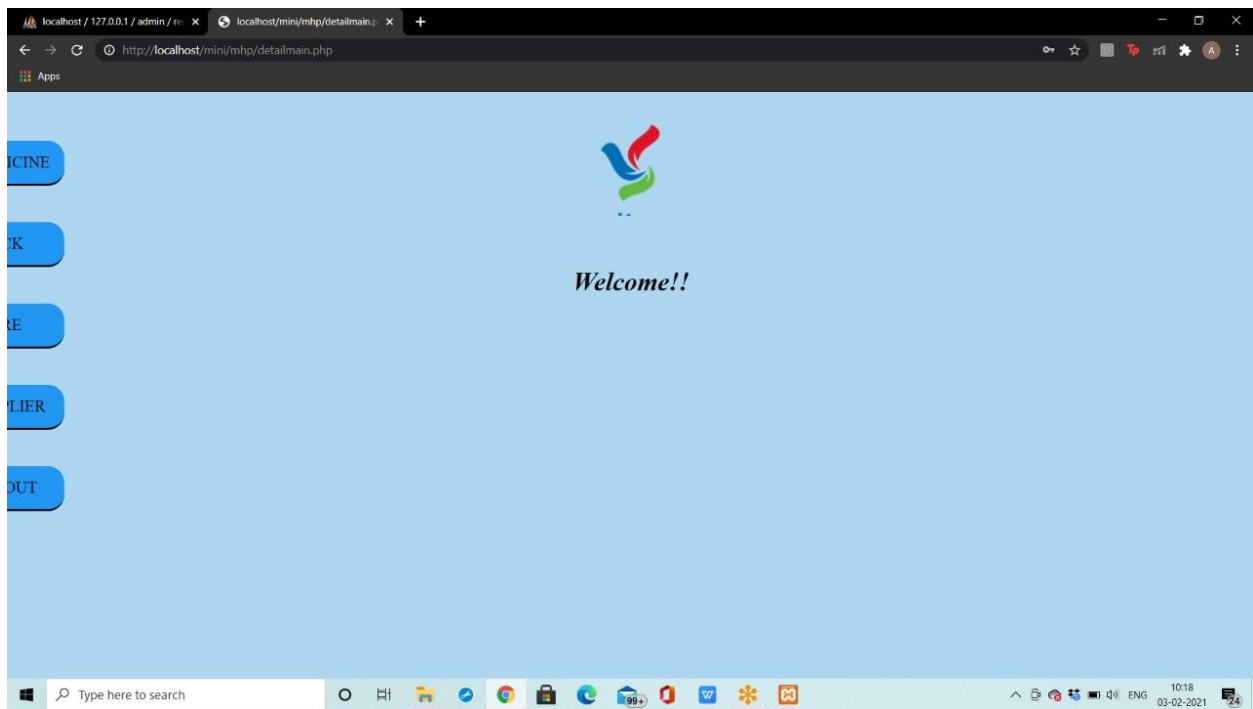
Test Case No.	Prerequisites	Test Case Name	Test Case Description	Expected Output	Actual Output	Status	Action/Notes
7.1	The admin clicks on the view button.	Viewing records	The admin should click on the details in order to view them, such as medicine details, store details, stock details, supplier details.	The required details are shown.	Prompt shown to the user.	Passed	
7.2	The user clicks on the view button	Viewing records	The user should click on the details in order to view them, such as medicine details, store details, stock details, supplier details.	The required details are shown.	Prompt shown to the user.	Passed	

6. RESULTS AND CONCLUSION

6.1 Result Analysis / Performance Analysis

6.1.1 Admin





localhost / 127.0.0.1 / medical / addition of medicine details

http://localhost/mini/mhp/addm.php

ADD THE MEDICINE DETAILS

SHOP ID: 26

MEDICINE NAME: vico turmeric

PRICE: 6

COMPANY: vico

NET WEIGHT: 1

SHOP NAME: apollo

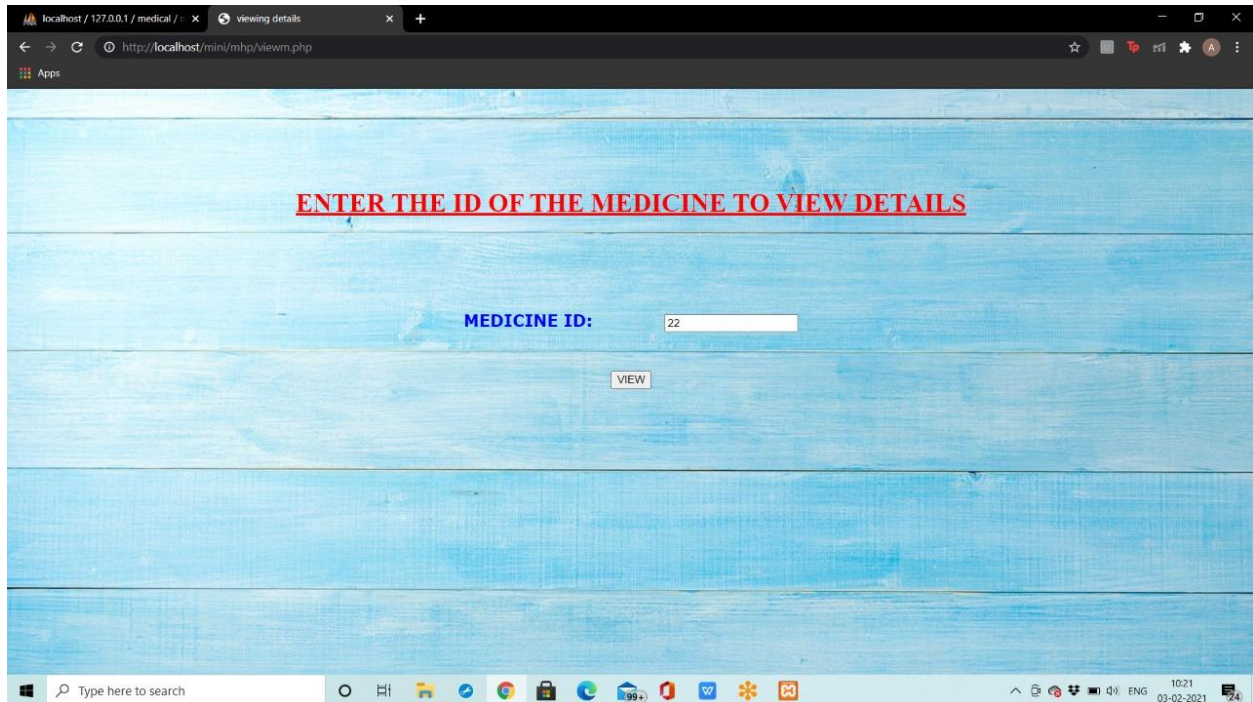
RESET SUBMIT

localhost / 127.0.0.1 / medical / localhost/mini/mhp/addmdb.php

http://localhost/mini/mhp/addmdb.php

RECORDS ADDED SUCCESSFULLY!

BACK TO MEDICINE PAGE



localhost / 127.0.0.1 / medical / - x addition of stock details x +

http://localhost/mini/mhp/addst.php

Apps

ADD THE STOCK DETAILS

STOCK ID:

STOCK NAME:

QUANTITY:

PRICE PER ITEM:

TOTAL COST:

MANUFACTURE DATE:

EXPIRY DATE:

TYPE:

SHOP NAME:

Type here to search

10:42 03-02-2021

localhost / 127.0.0.1 / medical / - x localhost/mini/mhp/addst.php x +

http://localhost/mini/mhp/addst.php

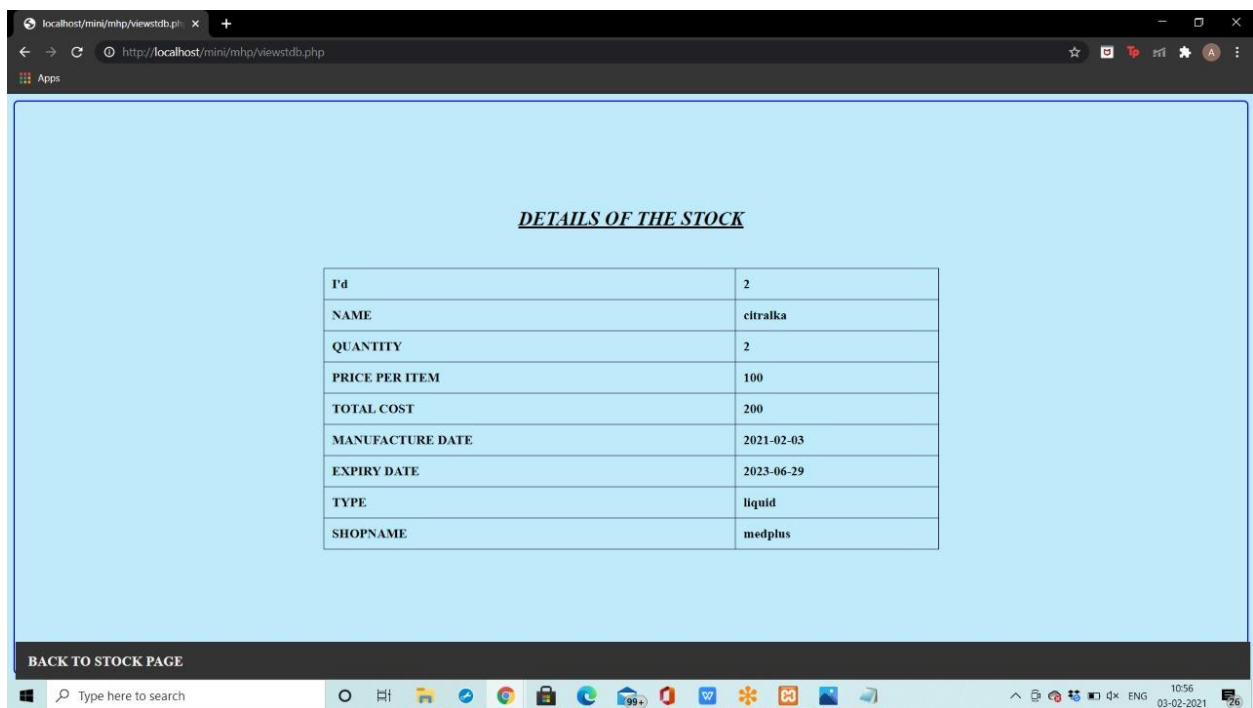
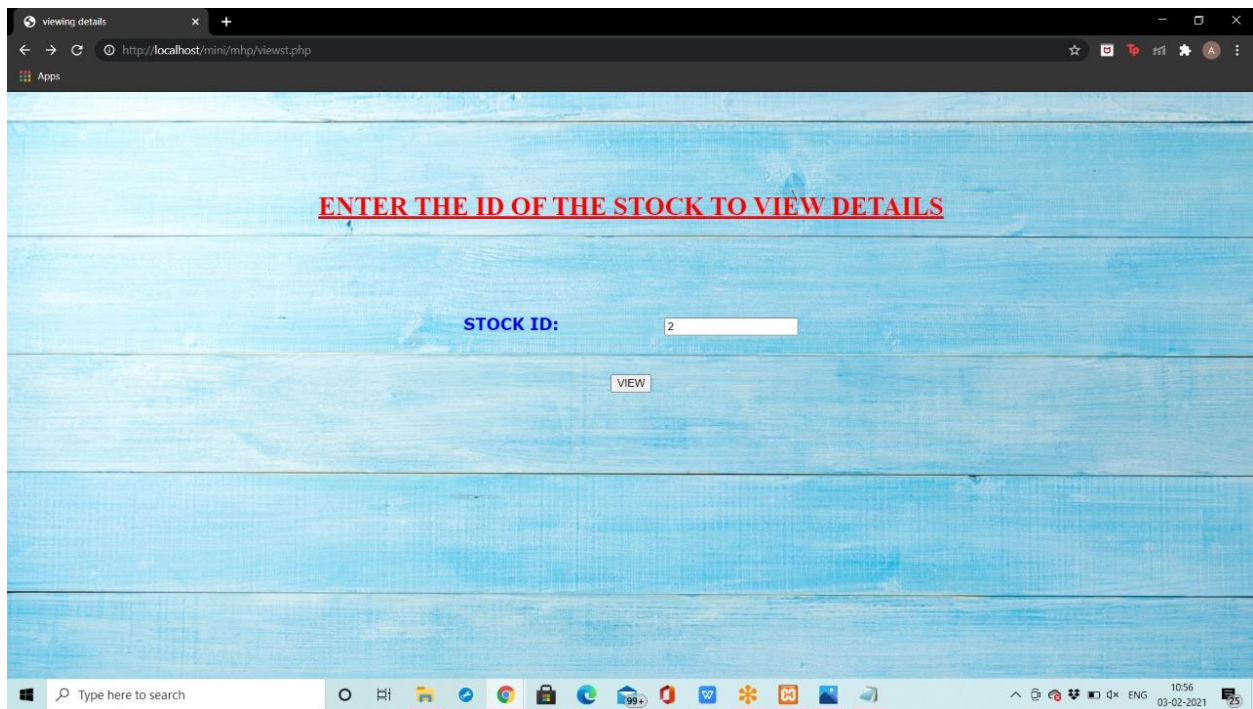
Apps

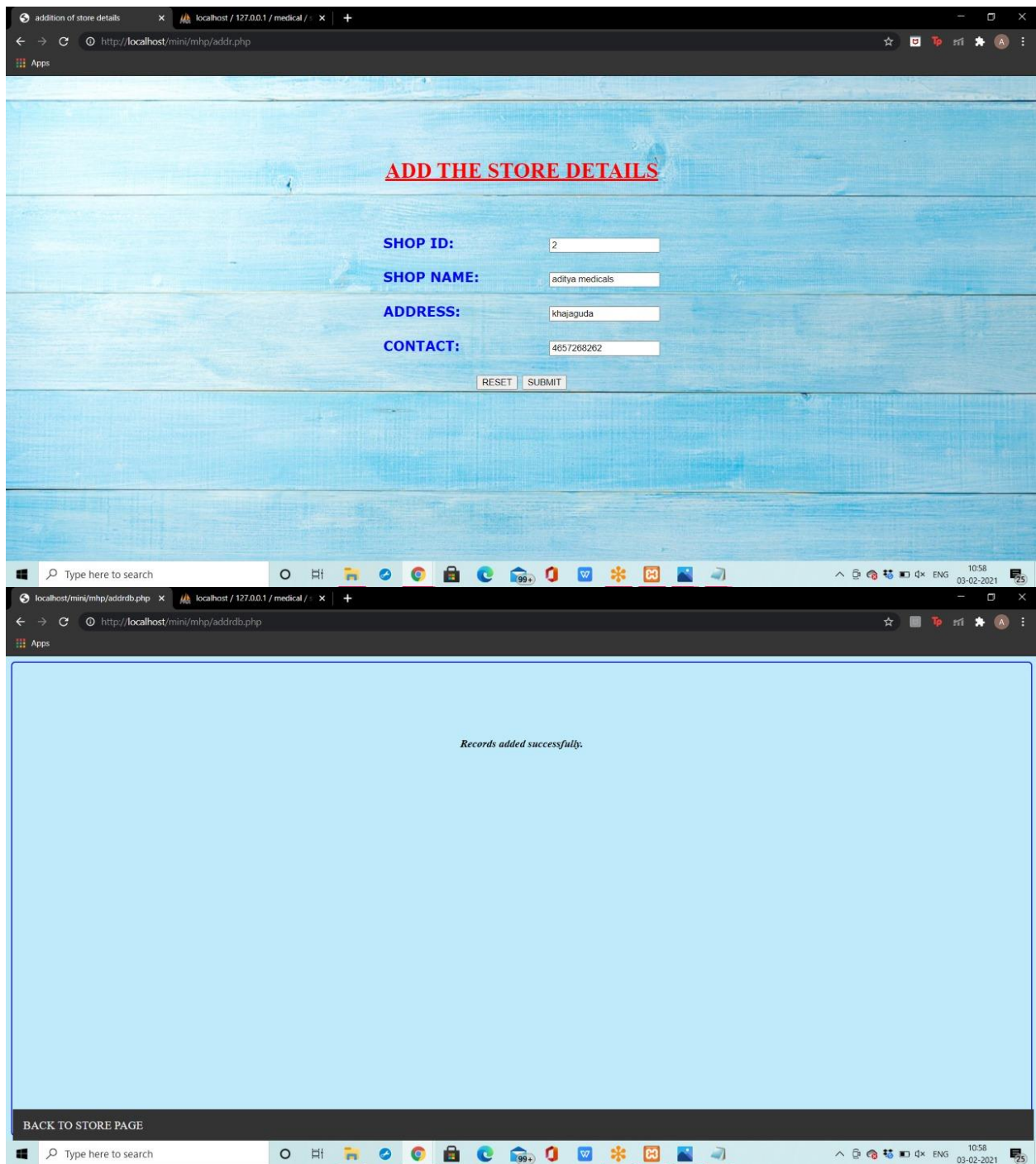
STOCK DETAILS ADDED SUCCESSFULLY!

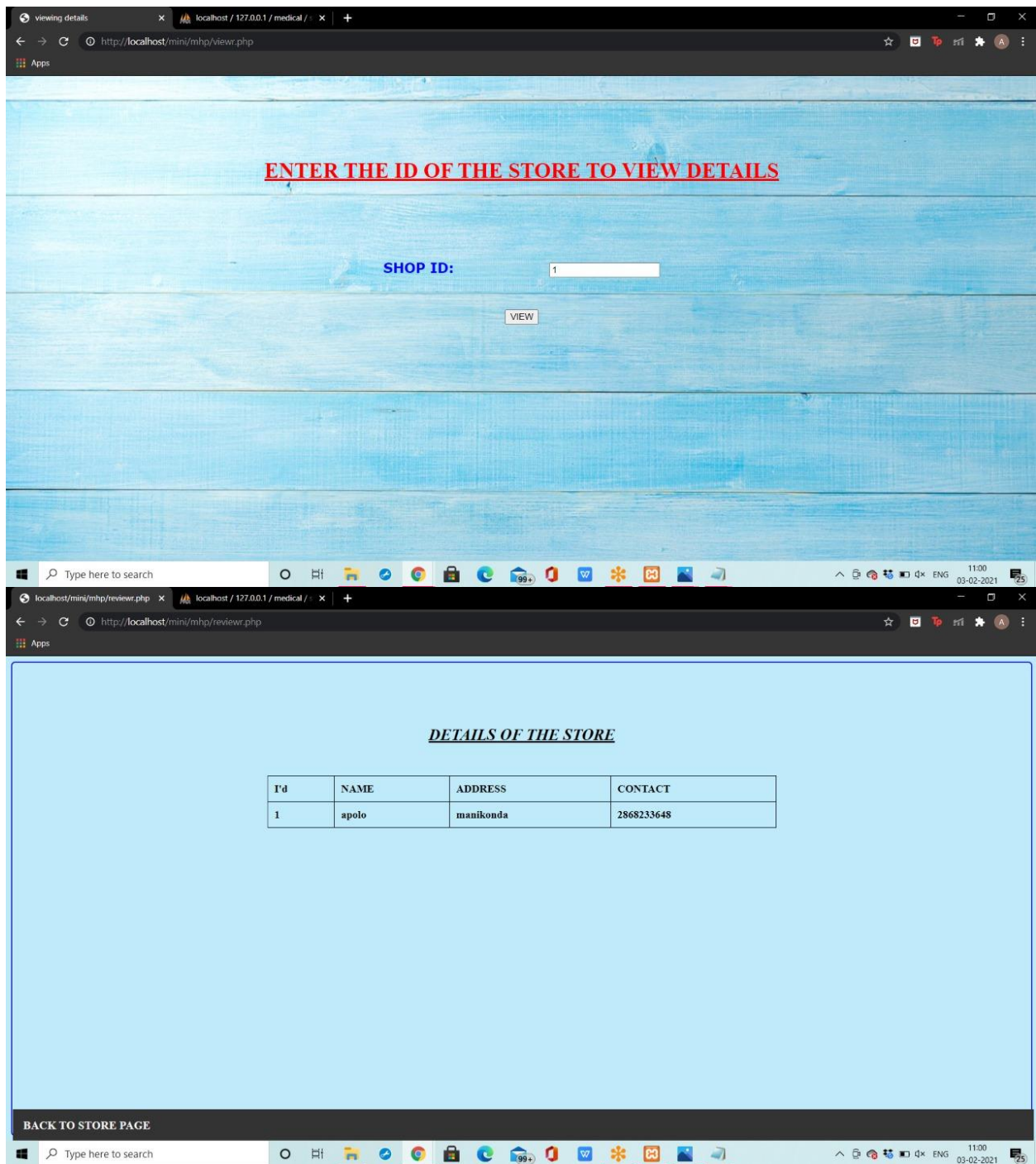
[BACK TO STOCK PAGE](#)

Type here to search

10:46 03-02-2021







addition of supplier details x localhost / 127.0.0.1 / medical / x +

← → ↻ http://localhost/mini/mhp/addsu.php

Apps

ADD THE SUPPLIER DETAILS

SUPPLIER ID:

SUPPLIER NAME:

USERNAME:

PASSWORD:

[Show Password](#)

DATE OF BIRTH:

EMAIL:

PHONE NUMBER:

Type here to search

11:02 03-02-2021

localhost/mini/mhp/addsldb.php x localhost / 127.0.0.1 / medical / x +

← → ↻ http://localhost/mini/mhp/addsldb.php

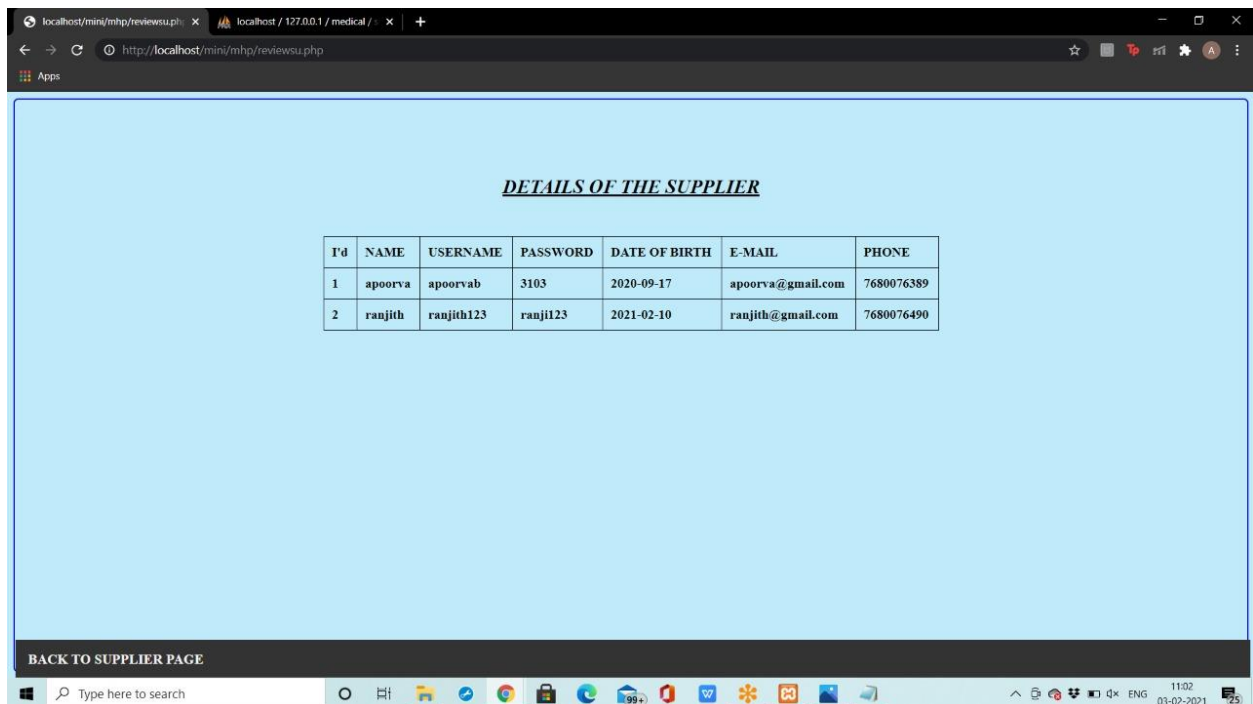
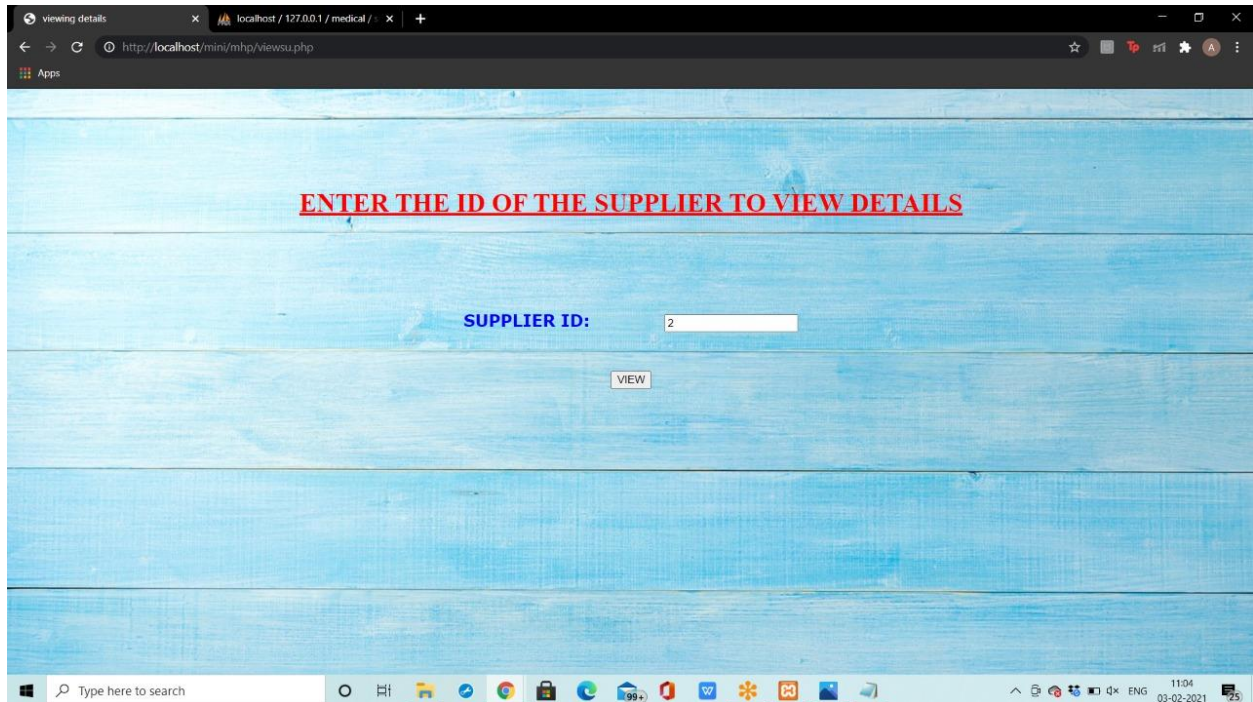
Apps

SUPPLIER DETAILS ADDED SUCCESSFULLY!

[BACK TO SUPPLIER PAGE](#)

Type here to search

11:02 03-02-2021



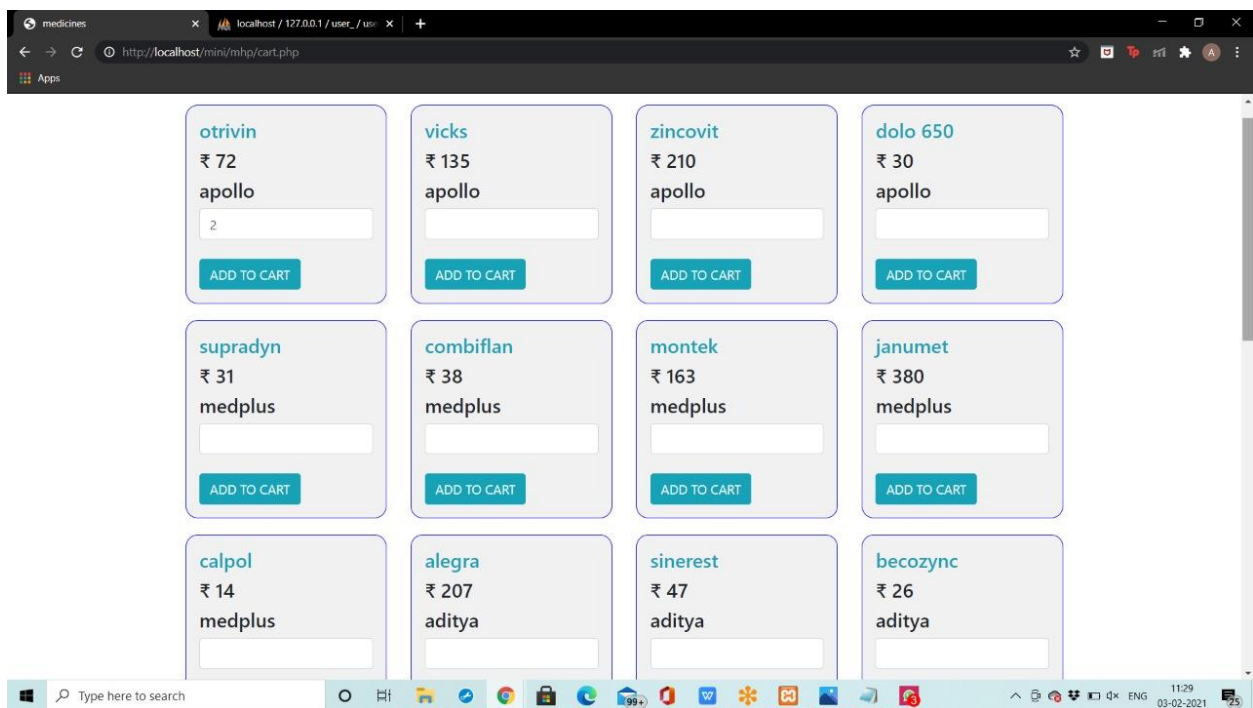
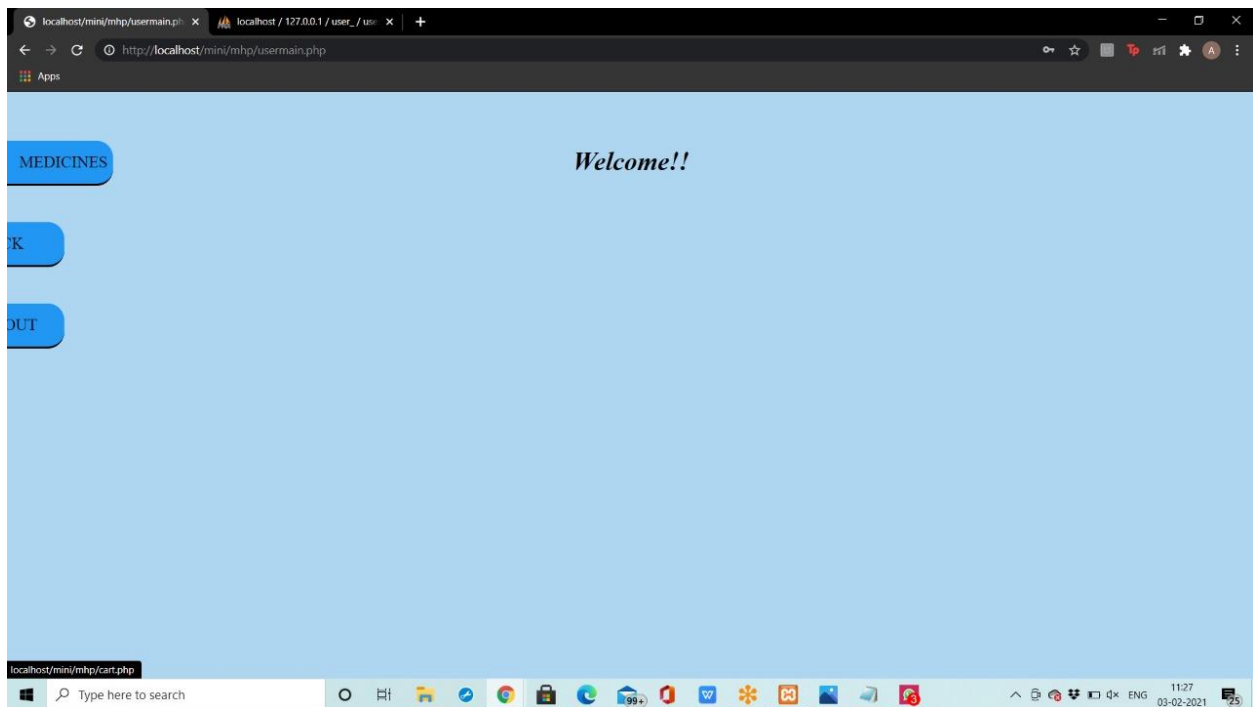
6.1.2 User

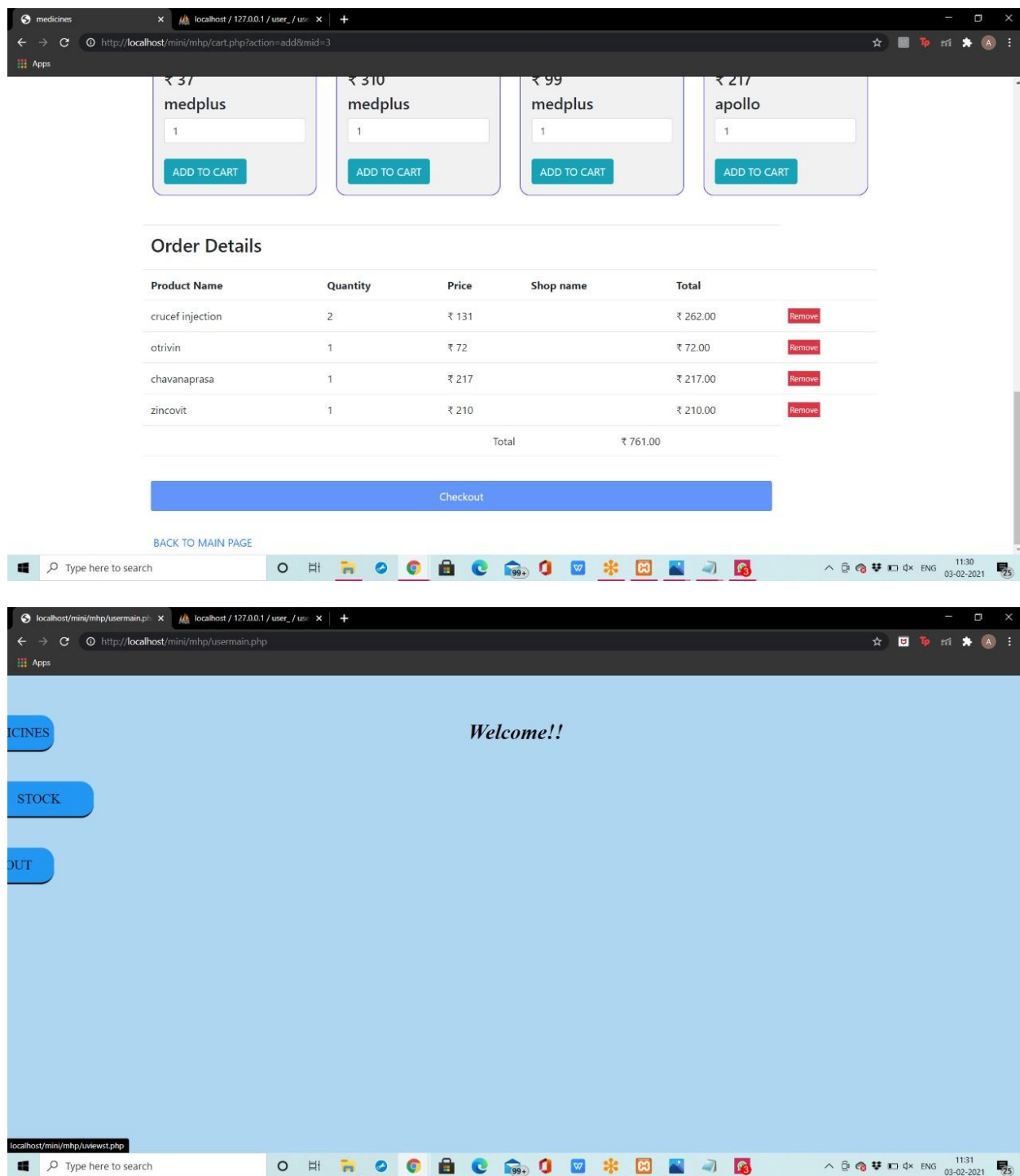
The screenshot displays a web browser window with the address bar showing 'http://localhost/mini/mhp/ureg.php'. The page content is a registration form titled 'REGISTER' centered on a light green background with a subtle floral pattern. The form consists of the following fields and labels:

- NAME:** A text input field containing the value 'anvitha'.
- USERNAME:** A text input field containing the value 'anvita12'.
- MAIL:** A text input field containing the value 'anvitha@gmail.com'.
- PHONE:** A text input field containing the value '7680076489'.
- PASSWORD:** A text input field containing the value '*****'.
- ADDRESS:** A text input field containing the value 'khajaguda,hyd'.

Below the input fields is a prominent orange button labeled 'REGISTER'. The browser's taskbar at the bottom shows various application icons and the system clock indicating 11:25 on 03-02-2021.

The screenshot shows a web browser window with the address bar displaying 'http://localhost/mini/mhp/userlogin.php'. The page content is a login form titled 'USER LOGIN'. The form includes a 'Username' input field containing 'anvita12', a 'Password' input field with masked characters, a green 'Submit' button, and a link labeled 'NOT A USER?'. The browser's taskbar at the bottom shows various application icons and the system clock indicating 11:27 on 03-02-2021.





localhost/mini/mhp/uvviewst.php x localhost / 127.0.0.1 / user_ / user_ x +

http://localhost/mini/mhp/uvviewst.php

Apps

DETAILS OF THE STOCK

I'd	NAME	QUANTITY	PRICE PER PIECE	TOTAL COST	MANUFACTURE DATE	EXPIRY DATE	TYPE	SHOP NAME
1	crocin	5	30	600	2019-07-01	2021-11-19	tablet	apollo
2	citraalka	2	100	200	2021-02-03	2023-06-29	liquid	medplus

Type here to search

localhost/mini/mhp/usermain.php x localhost / 127.0.0.1 / user_ / user_ x +

http://localhost/mini/mhp/usermain.php

Apps

Welcome!!

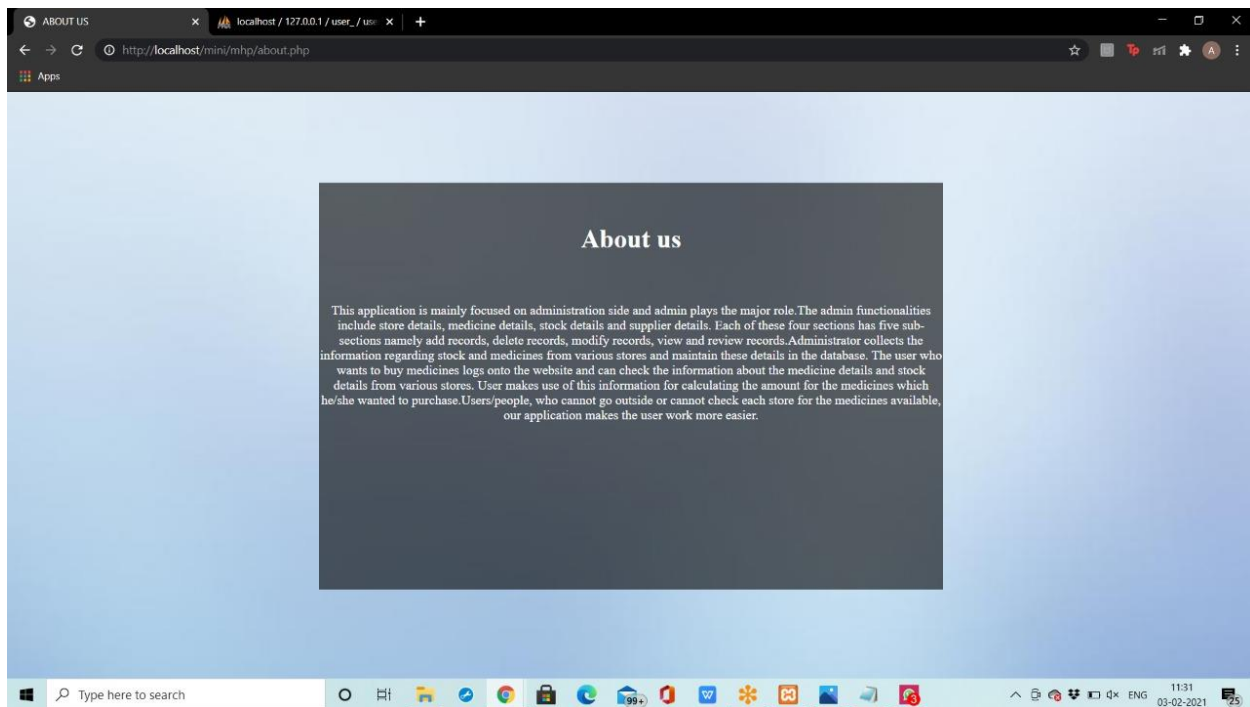
ICINES

WORK

LOGOUT

localhost/mini/mhp/adlogout.php

Type here to search



6.2 Conclusion and Future Scope:

Medical store management system is actually a software which handle the essential data and save the data and actually about the database of a medical store and its management. This software helps in effectively management of the pharmaceutical store or shop. It provides the statistics about medicine or drugs which are in stocks which data can also be updated and edited. It works as per the requirement of the user and have options accordingly. It allow user to enter manufacturing as well as the expiry date of medicine placing in stock and for sales transaction. The record of supplier's supplies can also be saved in it. There are other functions available too. The main purpose is effectively and easily handling pharmacy data and its management.

The scope of this software gradually increases as it is of great use and reduces the workload to the pharmacists as it stores the records of suppliers, medicines, stock inventory without getting lost in the database of the computer.

Appendix:

I. Code

A. User Module

1. User registration:

```
<?php
$db = mysqli_connect("localhost","root","","user_");

if(!$db)
{
    die("Connection failed: ". mysqli_connect_error());
}

if(isset($_POST['submit']))
{
    $name = $_POST['name'];
    $username = $_POST['username'];
    $email = $_POST['email'];
    $phone = $_POST['phone'];
    $pass = $_POST['pass'];
    $addre = $_POST['addre'];
    $insert = mysqli_query($db,"INSERT INTO user(`name`,`username`,`email`,`phone`,`pass`,`addre`) VALUES ('$name','$username','$email','$phone','$pass','$addre')");
    if(!$insert)
    {
        echo "PLEASE ENTER ALL DETAILS";
    }
    else
    {
        echo "<br/><br/><br/><center>REGISTRATION SUCCESSFULLY!</center>";
        echo "<html>";
    }
    echo "<head>";
    echo "<style>";
    echo "body {
        margin: 0;
        font-family: Arial, Helvetica, sans-serif;
    }

    .navbar {
        overflow: hidden;
        background-color: #333;
        position: fixed;
        bottom: 0;
    }
}
```

```

width: 100%;
}

.navbar a {
float: left;
display: block;
color: #f2f2f2;
text-align: center;
padding: 14px 16px;
text-decoration: none;
font-size: 17px;
}

.navbar a:hover {
background-color: #ddd;
color: black;
}

.navbar a.active {
background-color: #4CAF50;
color: white;
}

.navbar .icon {
display: none;
}

@media screen and (max-width: 600px) {
.navbar a:not(:first-child) {display: none;}
.navbar a.icon {
float: right;
display: block;
}
}

@media screen and (max-width: 600px) {
.navbar.responsive .icon {
position: absolute;
right: 0;
bottom:0;
}
.navbar.responsive a {
float: none;
display: block;
text-align: left;
}

```

```

}";
echo "</style>";
echo "</head>";
echo "<body>";
    echo "<div class='navbar' id='myNavbar'>";
    echo "<a href='homepage.php'>Home</a>";
    echo "<a href='userlogin.php'>USER</a>";

    echo "</div>";
}
}
mysqli_close($db); // Close connection
?>

```

```

<html>
<head>
<title>USER REGISTRATION</title>
<script type="text/javascript">
function back(){
window.history.forward();
}
setTimeout("back()",0);
window.onunload=function(){null};
</script>
<style>
body{
margin: 0;
padding: 0;
background: url('reg.jpg') no-repeat center center fixed;
-webkit-background-size: cover;
-moz-background-size: cover;
-o-background-size: cover;
background-size: cover;
background-position: center;
}
.loginbox{
width: 320px;
height: 610px;
background: transparent;
border: 0.25px solid black;
color: #fff;
top: 20%;
left: 40%;
position: absolute;

```

```

transform: translate(-50%,-50%);
box-sizing: border-box;
padding: 70px 30px;
}
h1{
margin: 0;
padding: 0 0 20px;
text-align: center;
font-size: 22px;
color: black;
}
.loginbox p{
margin: 0;
padding: 0;
font-weight: bold;
color: black;
}
.loginbox input{
width: 100%;
margin-bottom: 20px;
}
.loginbox input[type="text"], input[type="password"], input[type="email"],
input[type="text"]{
border: 1px solid black;
//border-bottom: 1px solid #fff;
outline: none;
height: 40px;
font-size: 16px;
}
.loginbox input[type="submit"]{
border: none;
outline: none;
height: 40px;
background: #ffc107;
color: #fff;
font-size: 18px;
border-radius: 20px;
}
.loginbox input[type="submit"]:hover{
cursor: pointer;
background: #FFFF99;
color: #000;
}
</style>
</head>
<body>

```

```

<div class="loginbox">
<h1>REGISTER</h1>
<form method="POST" action="userreg.php">
<p>NAME: <input type="text" id="name" name="name"></p>
<p>USERNAME: <input type="text" id="username" name="username"></p>
<p>MAIL: <input type="email" id="email" name="email"></p>
<p>PHONE: <input type="text" id="phone" name="phone"></p>
<p>PASSWORD: <input type="password" id="pass" name="pass"></p>
<p>ADDRESS: <input type="text" id="addre" name="addre"></p>
<input type="submit" name="submit" id="submit" value="REGISTER"><br/><br/>
</form>
</body>
</html>

```

2. Login user

```

<html>
<head>
<title>login</title>
<?php include 'links.php'?>
<link rel="stylesheet" type="text/css" href="logstyle.css">
<script type="text/javascript">
function back(){
window.history.forward();
}
setTimeout("back()",0);
window.onunload=function(){null};
</script>
</head>
<body>
<header>
<div class="container center-div shadow">
<div class="heading text-center mb-5 text-uppercase text-white">USER LOGIN</div>
<div class="container row d-flex flex-row justify-content-center mb-5">
<div class="user-form shadow p-2">
<form action="ulogincheck.php" method="POST">
<div class="form-group">
<label>Username</label>
<input type="text" name="username" value="" class="form-control" autocomplete="off">
</div>
<div class="form-group">
<label>Password</label>
<input type="password" name="pass" value="" class="form-control" autocomplete="off">
</div>
<input type="submit" class="btn btn-success" name="submit">

```

```

<a href="ureg.php">NOT A USER?</a>
</form>
</div>
</div>
</div>
</header>
</body>
</html>

```

```

<?php
session_start();
$con = mysqli_connect("localhost","root","","user_");

if(!$con)
{
    die("Connection failed: ". mysqli_connect_error());
}
if(isset($_POST['submit']))
{
    $username=$_POST['username'];
    $pass=$_POST['pass'];
    $sql="select * from user where username='$username' and pass='$pass'";
    $query=mysqli_query($con,$sql);
    $row=mysqli_num_rows($query);
    if($row==1){
        echo "login successful";
        $_SESSION['username']=$username;
        header('location:usermain.php');
    }
    else{
        echo "login failed";
        header('location:userlogin.php');
    }
}
?>

```

B. Admin

1. Admin registration:

```

<html>
<head>
<title>ADMIN REGISTRATION</title>
<script type="text/javascript">
function back(){

```

```

window.history.forward();
}
setTimeout("back()",0);
window.onunload=function(){null};
</script>
<style>
body{
margin: 0;
padding: 0;
background: url('reg.jpg') no-repeat center center fixed;
-webkit-background-size: cover;
-moz-background-size: cover;
-o-background-size: cover;
background-size: cover;
background-position: center;
}
.loginbox{
width: 320px;
height: 480px;
background: transparent;
border: 0.25px solid black;
color: #fff;
top: 20%;
left: 40%;
position: absolute;
transform: translate(-50%,-50%);
box-sizing:border-box;
padding: 70px 30px;
}
h1{
margin: 0;
padding 0 0 20px;
text-align: center;
font-size: 22px;
color: black;
}
.loginbox p{
margin: 0;
padding: 0;
font-weight: bold;
color: black;
}
.loginbox input{
width: 100%;
margin-bottom: 20px;
}

```



```

.loginbox input[type="text"], input[type="password"], input[type="email"],
input[type="text"]{
border: 1px solid black;
//border-bottom: 1px solid #fff;
outline: none;
height: 40px;
font-size: 16px;
}
.loginbox input[type="submit"]{
border: none;
outline: none;
height: 40px;
background: #ffc107;
color: #fff;
font-size: 18px;
border-radius: 20px;
}
.loginbox input[type="submit"]:hover{
cursor: pointer;
background: #00b300;
color: #000;
}
</style>
</head>
<body>
<div class="loginbox">
<h1>REGISTER</h1>
<form method="POST" action="adreg.php">
<p>NAME: <input type="text" id="name" name="name"></p>
<p>USERNAME: <input type="text" id="username" name="username"></p>
<p>MAIL: <input type="email" id="mail" name="mail"></p>
<p>PASSWORD: <input type="password" id="pass" name="pass"></p>
<input type="submit" name="submit" id="submit" value="REGISTER"><br/><br/>
</form>
</body>
</html>

```

2. Admin Login

```

<html>
<head>
<title>login</title>
<?php include 'links.php'?>
<link rel="stylesheet" type="text/css" href="logstyle.css">
<script type="text/javascript">

```



```

$username=$_POST['username'];
$password=$_POST['pass'];
$sql="select * from register where username='$username' and pass='$password'";
$query=mysqli_query($con,$sql);
$row=mysqli_num_rows($query);
if($row==1){
    echo "login successful";
    $_SESSION['username']=$username;
    header('location:detailmain.php');
}
else{
    echo "login failed";
    header('location:adminlogin.php');
}
}
?>

```

II. BIBLIOGRAPHY / REFERENCES

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