MEDIC KEEPER

An Inventory Manager For Medical Equipments

1. Project Description

In this project, a DBMS has been developed to manage the store 'Medic Keeper.' Medic Keeper keeps track of medical equipment used in a hospital. Herein this project, the following 20 items have been enlisted into the MySQL database:

1. Ventilators
2. Cardiopulmonary bypass device
3. Dialysis machine
4. Infusion pumps
5. LASIK surgical machine
6. Medical lasers
7. Consult 120 Urine Analyzer
8. Urine Reagent Strips 10 Parameter
9. Consult Liquid Urine Control
10. Plastic urine containers, sterile or unsterile
11. Conical centrifuge tube, 15 ml
12. Microscope slides and 1 coverslip
13. Clinical Centrifuge
14. Flow cytometers
15. Blood gas analyzers
16. Electrolyte analyzers
17. Differential counters
18. Coagulation analyzers
19. Slide strainers
20. Magnetic resonance imaging (MRI)

List of Software
1. Microsoft Visual Studio Code
2. XAMPP Server (Apache server and MySQL server)

Programming Languages
1. PHP (Back end)
2. HTML and Bootstrap (Front end)

3. MySQL PHPMyAdmin (Database)

2. List Of Queries

The below 2 queries are used to check secure login from the admin using the username and password entered in the login form.

```
$query = "SELECT * FROM admin WHERE username = '$username' AND password = '$password'";
$query = "SELECT * FROM admin WHERE username = '$admin'";


$query = "SELECT id FROM stocks ORDER BY ID DESC LIMIT 1";
$Query = "INSERT INTO `stocks`(`id`, `equipment`, `quantity`, `rate`)
VALUES ($new_id, '$equipment', $quantity, $rate)";
$query = "UPDATE stocks SET equipment = '$equipment', quantity =
'$quantity', rate = '$rate' WHERE id = $id;";
$query = "SELECT * FROM stocks WHERE 1";
$query = "SELECT buyer_id FROM buyers ORDER BY buyer_id DESC LIMIT 1";
$Query = "INSERT INTO `buyers`(`buyer_id`, `name`, `address`,
`stock_id`, `quantity`) VALUES ($new_id, '$name', '$addess', $stock_id,
$quantity);";
$query = "DELETE FROM `buyers` WHERE buyer_id = $id";
$query = "UPDATE buyers SET name = '$name', quantity = '$quantity',
address = '$address', stock_id = $stock_id WHERE buyer_id = $id;";
$query = "SELECT customer_id FROM customers ORDER BY customer_id DESC
LIMIT 1";
$Query = "INSERT INTO `customers`(`customer_id`, `name`, `address`,
`telephone`, `quantity`, `stock_id`) VALUES ($new_id, '$name',
'$addess', '$telephone', $quantity, $stock_id);";
$query = "SELECT * FROM customers WHERE 1";
$query = "DELETE FROM `customers` WHERE customer_id = $id";
$query = "UPDATE `customers` SET
`name`='$name',`address`='$address',`telephone`='$telephone',`quantity`
= $quantity,`stock_id`= $stock_id WHERE customer_id = $id;";
$query = "SELECT * FROM `profit_table` WHERE 1;";
$Query = "INSERT INTO `profit_table`(`stock_id`, `bought`, `sold`,
`profit`) VALUES ($stock_id, $bought, $sold, $profit)";
$query = "SELECT * FROM `stocks` WHERE quantity <= $qty;";
$Query1 = "DELETE FROM `customer_pending_amount` WHERE customer_id =
$cust_id;";
```

```
$Query1 = "INSERT INTO `customer_pending_amount`(`customer_id`,
`billed_amount`, `paid_amount`, `balance`) VALUES ($customer_id,
$billed_amount, $paid_amount, $balance);";
$query = "SELECT * FROM `customer_pending_amount` WHERE balance != 0;";
$Query = "SELECT `name` FROM `customers` WHERE customer_id = $id;";
$query = "SELECT * FROM `customer_pending_amount` WHERE balance = 0;";
$Query = "SELECT `name` FROM `customers` WHERE customer_id = $id;";
```

Print screen of the interface (Java or PHP) used to enter new details of stock like their id, name, and quantity.

Print screen of the interface (Java or PHP)used to enter the details of buyers from which the manager has to buy the stock like buyer id, name, address, stock id to be bought. Include 20 names in your DB

Print screen of the table content Maintaining the details of the customer's name, address, telephone number and id.

Customer Identity #	Name	Address	Telephone #
1	Kim Gray	689 Beacon Ave. Union, NJ 07083	(335) 470-3376
2	Phillip Barber	9696 King Ave. Maplewood, NJ 07040	(423) 410-6282
3	Yvette Evans	7269 N. Canal Street Mount Laurel, NJ 08054	(589) 868-5820
4	Kenny Harmon	9114 East Maiden Lane Cincinnati, OH 45211	(467) 975-9931
5	Pete Montgomery	224 Circle Lane Stratford, CT 06614	(368) 556-9653
6	Santiago Ramirez	834 Argyle Court Johnson City, TN 37601	(933) 812-2490
7	Ira Allen	70 Surrey Street Butler, PA 16001	(902) 850-5283
8	Spencer Hawkins	98 SE. Lilac Avenue Kansas City, MO 64151	(545) 408-3403
9	Constance Martin	8760 N. Hickory Ave. Loganville, GA 30052	(418) 323-0037
10	Seth Ford	7700 Lakeview Street Erlanger, KY 41018	(477) 911-0912
11	Lucy Bowen	554 South Piper St. Akron, OH 4431	(565) 847-3137
12	Geraldine Newman	89B Prince Ave. Anderson, SC 29621	(589) 489-0479
13	Loretta Mcguire	109 Ramblewood Rd. Sykesville, MD 21784	(315) 749-8754
14	Jermaine Knight	9690 E. Union Avenue Vincentown, NJ 08088	(880) 405-3937
15	Erick Daniels	857 Pendergast Rd. Glasgow, KY 42141	(523) 316-1864
16	Diane Cross	7 Summer Street Gastonia, NC 28052	(416) 395-2343

Screenshot of a report with the Defaulter's list of customers who have not paid their pending amount.

Account Inquiry

Update customer balance. Generate a list of customers who haven't paid their balance amount yet.

[Generate Defaulter's List] [Update Customer Balance] [Customer Zero Balance Report]

Stock Inquiry

Stock report, customer and buyer inquiry of stats on medical stocks.

[Stock Quantity Report] [Enter Stock Buy/Sell Details] [Profit Report]

Customer Identity #	Customer Name	Billed Amount	Paid Amount	Balance
1	Kim Gray	6000.00	6000.00	0.00
15	Erick Daniels	2000.00	2000.00	0.00
16	Diane Cross	1300.00	1300.00	0.00
20	Simon Nunez	18000.00	18000.00	0.00

Prints screen of a report with the List of payments paid

Account Inquiry

Update customer balance. Generate a list of customers who haven't paid their balance amount yet.

[Generate Defaulter's List] [Update Customer Balance] [Customer Zero Balance Report]

Stock Inquiry

Stock report, customer and buyer inquiry of stats on medical stocks.

[Stock Quantity Report] [Enter Stock Buy/Sell Details] [Profit Report]

Customer Identity #	Customer Name	Billed Amount	Paid Amount	Balance
1	Kim Gray	6000.00	6000.00	0.00
15	Erick Daniels	2000.00	2000.00	0.00
16	Diane Cross	1300.00	1300.00	0.00
20	Simon Nunez	18000.00	18000.00	0.00

Print screen of a report with the List of payments pending.

Account Inquiry

Update customer balance. Generate a list of customers who haven't paid their balance amount yet.

[Generate Defaulter's List] [Update Customer Balance] [Customer Zero Balance Report]

Stock Inquiry

Stock report, customer and buyer inquiry of stats on medical stocks.

[Stock Quantity Report] [Enter Stock Buy/Sell Details] [Profit Report]

Customer Identity #	Customer Name	Billed Amount	Paid Amount	Balance
10	Seth Ford	50000.00	40000.00	10000.00
2	Phillip Barber	5000.00	4000.00	1000.00
3	Yvette Evans	35000.00	29000.00	6000.00
4	Kenny Harmon	9000.00	8000.00	1000.00

Print screen of a report with the Profit calculation for a month.

Stock Identity #	Bought	Sold	Profit
1	4000	5000	1000

Code

index.php

```php
<?php
include("config.php");
session_start();
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.m
in.css" rel="stylesheet"
integrity="sha384-rbsA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2K
adq2F9CUG65" crossorigin="anonymous">
    <title>Medic Keeper</title>
</head>
<body>
    <div class="container">
        <h1>Medic Keeper</h1>
        <h5>An Inventory Manager For Medical Equipments </h5>
        <div class="container col-4">
            <form action="" method="post">
                <div class="mb-3">
                    <label class="form-label">Username</label>
```

```php
                    <input type="text" class="form-control"
name="username">
                </div>
                <div class="mb-3">
                    <label for="exampleInputPassword1"
class="form-label">Password</label>
                    <input type="password" class="form-control"
name="password">
                </div>
                <button type="submit" class="btn btn-primary"
name="login">Login</button>
            </form>
            <?php
                if(isset($_POST['login']))
                {
                    $username = $_POST['username'];
                    $password = $_POST['password'];

                    $query = "SELECT * FROM admin WHERE username =
'$username' AND password = '$password'";
                    $data = mysqli_query($conn, $query);
                    $rows = mysqli_num_rows($data);
                    if($rows == 1)
                      {
                        header('location:home.php');
                        $_SESSION['admin'] = $username;
                      }
                    else
                        echo"<p>Incorrect Username or Password</p>";
                }
            ?>
        </div>
    </div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bun
dle.min.js"
integrity="sha384-kenU1KFdBIe4zVF0s0G1M5b4hcpxyD9F7jL+jjXkk+Q2h455rYXK/
7HAuoJl+0I4" crossorigin="anonymous"></script>
</body>
</html>
```

After successful login, the user is redirected to below page:

home.php

```php
<?php
include("config.php");
session_start();
$admin = $_SESSION['admin'];
$query = "SELECT * FROM admin WHERE username = '$admin'";
$data = mysqli_query($conn, $query);
$rows = mysqli_num_rows($data);
if($rows == 0)
 {
    header('location:index.php');
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.m
in.css" rel="stylesheet"
integrity="sha384-rbsA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2K
adq2F9CUG65" crossorigin="anonymous">
    <title>Medic Keeper</title>
</head>
<body>
    <div class="container">
        <h1>Medic Keeper</h1>
        <h5>An Inventory Manager For Medical Equipments </h5>
        <h3>Welcome <?php echo $_SESSION['admin']; ?> | <a class="fs-6"
href="logout.php"><img src="logout.png" alt="Logout"
width="25px">Logout</a></h3>
    </div>
    <hr>
    <div class="container">
```

```html
  <div class="row">
 <div class="col-sm-4">
   <div class="card">
     <div class="card-body">
       <h5 class="card-title">Medical Equipment Stocks</h5>
       <p class="card-text">The list of medical equipment at present,
their quantity and identity number in the hospital.</p>
       <form action="" method="post">
           <div class="row">
               <div class="col"><button type="submit" class="btn
btn-primary" name="new_stock">Enter New Stock</button></div>
               <div class="col"><button type="submit" class="btn
btn-primary" name="stocks">Show Stocks</button></div>
               <div class="col"><button type="submit" class="btn
btn-primary" name="update_stock">Update Stock</button></div>
           </div>
       </form>
     </div>
   </div>
 </div>
 <div class="col-sm-4">
   <div class="card">
     <div class="card-body">
       <h5 class="card-title">Buyers</h5>
       <p class="card-text">The list of buyers along with their id #,
address and stock id # from which managers should buy stocks.</p>
       <form action="" method="post">
           <div class="row">
               <div class="col"><button type="submit" class="btn
btn-primary" name="enter_new_buyer">Enter New Buyer</button></div>
               <div class="col"><button type="submit" class="btn
btn-primary" name="show_buyers">Show Buyers</button></div>
               <div class="col"><button type="submit" class="btn
btn-primary" name="update_buyer">Update Buyers</button></div>
           </div>
       </form>
     </div>
   </div>
 </div>
 <div class="col-sm-4">
   <div class="card">
     <div class="card-body">
```

```html
        <h5 class="card-title">Customers</h5>
        <p class="card-text">The list of customers along with their id
#, name, address and telephone #. </p>
        <form action="" method="post">
            <div class="row">
                <div class="col"><button type="submit" class="btn
btn-primary" name="enter_new_customer">Enter New
Customer</button></div>
                <div class="col"><button type="submit" class="btn
btn-primary" name="show_customers">Show Customers</button></div>
                <div class="col"><button type="submit" class="btn
btn-primary" name="update_customer">Update Customer</button></div>
            </div>
        </form>
     </div>
   </div>
  </div>


</div>
<br>
    <div class="container">
    <?php
        if(isset($_POST['new_stock']))
        {
            echo "
                <div class='container col-4'>
                        <form action=' ' method='post'>
                            <div class='mb-3'>
                                <label class='form-label'>Enter
Equipment Name</label>
                                <input type='text' class='form-control'
name='equipment_name' required>
                            </div>
                            <div class='mb-3'>
                                <label
class='form-label'>Quantity</label>
                                <input type='number'
class='form-control' name='quantity' required>
                            </div>
                            <div class='mb-3'>
                                <label class='form-label'>Rate Per
Stock (in $)</label>
```

```php
                            <input type='number'
class='form-control' name='rate' required>
                        </div>
                        <button type='submit' class='btn
btn-primary' name='enter_new_stock'>Enter New Stock</button>
                    </form>
            </div> ";
        }

        if(isset($_POST['enter_new_stock']))
        {
            $query = "SELECT id FROM stocks ORDER BY ID DESC LIMIT 1";
            $data = mysqli_query($conn, $query);
            while($row = $data->fetch_assoc())
            {
                $new_id = $row["id"] + 1;
                $equipment = $_POST['equipment_name'];
                $quantity = $_POST['quantity'];
                $rate = $_POST['rate'];
                $Query = "INSERT INTO `stocks`(`id`, `equipment`,
`quantity`, `rate`) VALUES ($new_id, '$equipment', $quantity, $rate)";
                $Data = mysqli_query($conn, $Query);
                if($Data)
                {
                    echo "<div class='container'>New stock added
succesfully. New Stock identity Number is ".$new_id.".</div>";
                }
            }
        }
        if(isset($_POST['update_stock']))
        {
        echo  "
        <div class='container col-4'>
                    <form action=' ' method='post'>
                        <div class='mb-3'>
                            <label class='form-label'>Delete
Stock</label>
                            <input type='number'
class='form-control' name='stock_identity_number' placeholder='Enter
Stock identity Number' required>
                        </div>
                        <button type='submit' class='btn
btn-danger' name='delete_stock'>Delete</button>
```

```php
                                            </form>
                                            <form action=' ' method='post'>
                                            <div class='mb-3'>
                                                    <br>
                                                    <div class='row'><h5>Update
Stock</h5></div>

                                                    <form action=' ' method='post'>
                                                    <div class='mb-3'>
                                                    <label class='form-label'>Enter Stock
Identity Number</label>

                                                    <input type='number'
class='form-control' placeholder='The stock with this id # will be
updated' name='id' required>
                                            </div>
                                                    <div class='mb-3'>
                                                    <label class='form-label'>Enter
Equipment Name</label>

                                                    <input type='text' class='form-control'
name='equipment_name' required>
                                            </div>
                                            <div class='mb-3'>
                                                    <label
class='form-label'>Quantity</label>
                                                    <input type='number'
class='form-control' name='quantity' required>
                                            </div>
                                            <div class='mb-3'>
                                                    <label class='form-label'>Rate Per
Stock (in $)</label>
                                                    <input type='number'
class='form-control' name='rate' required>
                                            </div>
                                            <button type='submit' class='btn
btn-primary' name='Update_stock'>Update Stock</button>
                                </form>
            </div>
            ";
        }

        if(isset($_POST['delete_stock']))
        {
        $id = $_POST["stock_identity_number"];
        $query = "DELETE FROM `stocks` WHERE id = $id";
```

```php
            if(mysqli_query($conn, $query))
            {
                echo "<div class='container'> Stock with identity
number ".$id." has been deleted successfully.</div>";
            }
        }
        if(isset($_POST['Update_stock']))
        {
            $id = $_POST["id"];
            $equipment = $_POST["equipment_name"];
            $quantity = $_POST["quantity"];
            $rate = $_POST["rate"];
            $query = "UPDATE stocks SET equipment = '$equipment',
quantity = '$quantity', rate = '$rate' WHERE id = $id;";
            if(mysqli_query($conn, $query))
            {
                echo "<div class='container'> Stock with identity
number ".$id." has been updated successfully.</div>";
            }
        }

        if(isset($_POST['stocks']))
        {
            $query = "SELECT * FROM stocks WHERE 1";
            $data = mysqli_query($conn, $query);
            $k = 1;
            while($row = $data->fetch_assoc())
            {
                if($k == 1)
                {
                echo
                    "<table class='table table-dark'>
                    <thead>
                    <tr>
                    <th scope='col'>Stock Identity #</th>
                    <th scope='col'>Equipment</th>
                    <th scope='col'>Quantity</th>
                    <th scope='col'>Rate</th>
                    </tr>
                    </thead>";
                    $k = 2;
                }
```

```php
			echo "
				<tbody>
				<tr>
				<td>". $row["id"]. "</td>
				<td>". $row["equipment"]. "</td>
				<td>". $row["quantity"]. "</td>
				<td>". $row["rate"]. "</td>
				</tr>
				</tbody>
				";
		}
		echo "</table>";
	}


	if(isset($_POST['enter_new_buyer']))
	{
		echo "
			<div class='container col-4'>
				<form action=' ' method='post'>
					<div class='mb-3'>
						<label class='form-label'>Enter Buyer
Name</label>
						<input type='text' class='form-control'
name='buyer_name' required>
					</div>
					<div class='mb-3'>
						<label
class='form-label'>Address</label>
						<input type='text' class='form-control'
name='Address' required>
					</div>
					<div class='mb-3'>
						<label class='form-label'>Stock Id
#</label>
						<input type='number'
class='form-control' name='stock_id' required>
					</div>
					<div class='mb-3'>
						<label class='form-label'>Stock
Quantity Bought</label>
						<input type='number'
class='form-control' name='quantity' required>
					</div>
```

```php
                            <button type='submit' class='btn
btn-primary' name='enter_buyer'>Enter New Buyer</button>
                        </form>
                </div> ";
        }

        if(isset($_POST['enter_buyer']))
        {
            $query = "SELECT buyer_id FROM buyers ORDER BY buyer_id
DESC LIMIT 1";
            $data = mysqli_query($conn, $query);
            while($row = $data->fetch_assoc())
            {
                $new_id = $row['buyer_id'] + 1;

                $name = $_POST['buyer_name'];
                $addess = $_POST['Address'];
                $stock_id = $_POST['stock_id'];
                $quantity = $_POST['quantity'];
                $Query = "INSERT INTO `buyers`(`buyer_id`, `name`,
`address`, `stock_id`, `quantity`) VALUES ($new_id, '$name', '$addess',
$stock_id, $quantity);";
                $Data = mysqli_query($conn, $Query);
                if($Data)
                {
                    echo "<div class='container'>New Buyer added
succesfully. New Buyer identity Number is ".$new_id.".</div>";
                }
                else
                    echo "Unable to enter new buyer";

            }
        }

        if(isset($_POST['show_buyers']))
        {
            $query = "SELECT * FROM buyers WHERE 1";
            $data = mysqli_query($conn, $query);
            $k = 1;
            while($row = $data->fetch_assoc())
            {
                if($k == 1)
                {
```

```php
            echo
                "<table class='table table-dark'>
                <thead>
                <tr>
                <th scope='col'>Buyer Identity #</th>
                <th scope='col'>Name</th>
                <th scope='col'>Address</th>
                <th scope='col'>Stock Identity #</th>
                </tr>
                </thead>";
                $k = 2;
            }

            echo "
                    <tbody>
                    <tr>
                    <td>". $row["buyer_id"]. "</td>
                    <td>". $row["name"]. "</td>
                    <td>". $row["address"]. "</td>
                    <td>". $row["stock_id"]. "</td>
                    </tr>
                    </tbody>
                    ";
        }
        echo "</table>";
    }

    if(isset($_POST['update_buyer']))
    {
        echo "
        <div class='container col-4'>
                <form action=' ' method='post'>
                    <div class='mb-3'>
                        <label class='form-label'>Delete
Buyer</label>
                        <input type='number'
class='form-control' name='buyer_id' placeholder='Enter Buyer identity
Number' required>
                    </div>
                    <button type='submit' class='btn
btn-danger' name='delete_buyer'>Delete</button>
                    </form>
                    <form action=' ' method='post'>
```

```html
<div class='mb-3'>
    <br>
    <div class='row'><h5>Update
Buyer</h5></div>
    <form action=' ' method='post'>
    <div class='mb-3'>
    <label class='form-label'>Enter Buyer
Identity Number</label>
    <input type='number'
class='form-control' placeholder='The buyer with this id # will be
updated' name='id' required>
    </div>
    <div class='mb-3'>
    <label class='form-label'>Enter
Name</label>
    <input type='text' class='form-control'
name='name' required>
    </div>
    <div class='mb-3'>
    <label
class='form-label'>Address</label>
    <input type='text' class='form-control'
name='address' required>
    </div>
    <div class='mb-3'>
    <label class='form-label'>Stock
Identity Number</label>
    <input type='number'
class='form-control' name='stock_id' required>
    </div>
    <div class='mb-3'>
    <label
class='form-label'>Quantity</label>
    <input type='number'
class='form-control' name='quantity' required>
    </div>
    <button type='submit' class='btn
btn-primary' name='Update_buyer'>Update Buyer</button>
    </form>
</div>
";
    }
```

```php
        if(isset($_POST['delete_buyer']))
        {
            $id = $_POST["buyer_id"];
            $query = "DELETE FROM `buyers` WHERE buyer_id = $id";
            if(mysqli_query($conn, $query))
            {
                echo "<div class='container'> Buyer with identity
number ".$id." has been deleted successfully.</div>";
            }
        }
        if(isset($_POST['Update_buyer']))
        {
            $id = $_POST["id"];
            $name = $_POST["name"];
            $address = $_POST["address"];
            $stock_id = $_POST["stock_id"];
            $quantity = $_POST["quantity"];
            $query = "UPDATE buyers SET name = '$name', quantity =
'$quantity', address = '$address', stock_id = $stock_id WHERE buyer_id
= $id;";
            if(mysqli_query($conn, $query))
            {
                echo "<div class='container'> Buyer with identity
number ".$id." has been updated successfully.</div>";
            }
        }

        if(isset($_POST['enter_new_customer']))
        {
        echo "
            <div class='container col-4'>
                    <form action=' ' method='post'>
                        <div class='mb-3'>
                            <label class='form-label'>Enter
Customer Name</label>
                            <input type='text' class='form-control'
name='customer_name' required>
                        </div>
                        <div class='mb-3'>
                            <label
class='form-label'>Address</label>
                            <input type='text' class='form-control'
name='address' required>
```

```php
                        </div>
                        <div class='mb-3'>
                            <label
class='form-label'>Telephone</label>
                            <input type='text' class='form-control'
name='telephone' required>
                        </div>
                        <div class='mb-3'>
                            <label class='form-label'>Stock
Quantity Sold</label>
                            <input type='number'
class='form-control' name='quantity' required>
                        </div>
                        <div class='mb-3'>
                            <label class='form-label'>Stock Id
#</label>
                            <input type='number'
class='form-control' name='stock_id' required>
                        </div>
                        <button type='submit' class='btn
btn-primary' name='enter_customer'>Enter New Customer</button>
                    </form>
            </div> ";
        }

        if(isset($_POST['enter_customer']))
        {
            $query = "SELECT customer_id FROM customers ORDER BY
customer_id DESC LIMIT 1";
            $data = mysqli_query($conn, $query);
            while($row = $data->fetch_assoc())
            {
                $new_id = $row['customer_id'] + 1;

                $name = $_POST['customer_name'];
                $addess = $_POST['address'];
                $telephone = $_POST['telephone'];
                $quantity = $_POST['quantity'];
                $stock_id = $_POST['stock_id'];
                $Query = "INSERT INTO `customers`(`customer_id`,
`name`, `address`, `telephone`, `quantity`, `stock_id`) VALUES
($new_id, '$name', '$addess', '$telephone', $quantity, $stock_id);";
                $Data = mysqli_query($conn, $Query);
```

```php
                if($Data)
                {
                    echo "<div class='container'>New Customer added
succesfully. New customer identity Number is ".$new_id.".</div>";
                }
                else
                    echo "Unable to enter new customer";


            }
        }


        if(isset($_POST['show_customers']))
        {
            $query = "SELECT * FROM customers WHERE 1";
            $data = mysqli_query($conn, $query);
            $k = 1;
            while($row = $data->fetch_assoc())
            {
                if($k == 1)
                {
                echo
                    "<table class='table table-dark'>
                    <thead>
                    <tr>
                    <th scope='col'>Customer Identity #</th>
                    <th scope='col'>Name</th>
                    <th scope='col'>Address</th>
                    <th scope='col'>Telephone #</th>
                    </tr>
                    </thead>";
                    $k = 2;
                }

                echo "
                    <tbody>
                    <tr>
                    <td>". $row["customer_id"]. "</td>
                    <td>". $row["name"]. "</td>
                    <td>". $row["address"]. "</td>
                    <td>". $row["telephone"]. "</td>
                    </tr>
                    </tbody>
                    ";
```

```php
            }
            echo "</table>";
        }


        if(isset($_POST['update_customer']))
        {
            echo  "
            <div class='container col-4'>
                    <form action=' ' method='post'>
                            <div class='mb-3'>
                                    <label class='form-label'>Delete
Customer</label>
                                    <input type='number'
class='form-control' name='customer_id' placeholder='Enter Customer
identity Number' required>
                            </div>
                            <button type='submit' class='btn
btn-danger' name='delete_customer'>Delete</button>
                            </form>
                            <form action=' ' method='post'>
                            <div class='mb-3'>
                                <br>
                                <div class='row'><h5>Update
Customer</h5></div>

                                <form action=' ' method='post'>
                                <div class='mb-3'>
                                <label class='form-label'>Enter
Customer Identity Number</label>
                                    <input type='number'
class='form-control' placeholder='The customer with this id # will be
updated' name='id' required>
                            </div>
                                <div class='mb-3'>
                                <label class='form-label'>Enter
Name</label>
                                    <input type='text' class='form-control'
name='name' required>
                            </div>
                                <div class='mb-3'>
                                    <label
class='form-label'>Address</label>
                                    <input type='text' class='form-control'
name='address' required>
```

```php
                                    </div>
                                    <div class='mb-3'>
                                        <label
class='form-label'>Telephone</label>
                                        <input type='text' class='form-control'
name='telephone' required>
                                    </div>
                                    <div class='mb-3'>
                                        <label class='form-label'>Stock
Identity Number</label>
                                        <input type='number'
class='form-control' name='stock_id' required>
                                    </div>
                                    <div class='mb-3'>
                                        <label
class='form-label'>Quantity</label>
                                        <input type='number'
class='form-control' name='quantity' required>
                                    </div>
                                    <button type='submit' class='btn
btn-primary' name='Update_customer'>Update Customer</button>
                            </form>
            </div>
            ";
        }

        if(isset($_POST['delete_customer']))
        {
            $id = $_POST["customer_id"];
            $query = "DELETE FROM `customers` WHERE customer_id = $id";
            if(mysqli_query($conn, $query))
            {
                echo "<div class='container'> Customer with identity
number ".$id." has been deleted successfully.</div>";
            }
        }
        if(isset($_POST['Update_customer']))
        {
            $id = $_POST["id"];
            $name = $_POST["name"];
            $address = $_POST["address"];
            $telephone = $_POST["telephone"];
            $stock_id = $_POST["stock_id"];
```

```php
            $quantity = $_POST["quantity"];
            $query = "UPDATE `customers` SET
`name`='$name',`address`='$address',`telephone`='$telephone',`quantity`
= $quantity,`stock_id`= $stock_id WHERE customer_id = $id;";
            if(mysqli_query($conn, $query))
            {
                echo "<div class='container'> Customer with identity
number ".$id." has been updated successfully.</div>";
            }
        }

    ?>
    </div>
    </div>

<div class="container">
    <div class="row">
    <div class="col-6">
        <div class="card">
            <div class="card-body">
                <h5 class="card-title">Account Inquiry</h5>
                <p class="card-text">Update customer balance. Generate
a list of customers who haven't paid their balance amount yet.</p>
                <form action="" method="post">
                    <div class="row">
                        <div class="col"><button type="submit"
class="btn btn-primary" name="customer_balance_report">Generate
Defaulter's List</button></div>
                        <div class="col"><button type="submit"
class="btn btn-primary" name="update_customer_balance">Update Customer
Balance</button></div>
                        <div class="col"><button type="submit"
class="btn btn-primary" name="zero_customer_balance">Customer Zero
Balance Report</button></div>
                    </div>
                </form>
            </div>
        </div>
    </div>
    <div class="col-6">
        <div class="card">
            <div class="card-body">
                <h5 class="card-title">Stock Inquiry</h5>
```

```html
                <p class="card-text">Stock report, customer and buyer
inquiry of stats on medical stocks.</p>
                <form action="" method="post">
                    <div class="row">
                        <div class="col"><button type="submit"
class="btn btn-primary" name="stock_quantity_report">Stock Quantity
Report</button></div>
                        <div class="col"><button type="submit"
class="btn btn-primary" name="stock_buy_sell">Enter Stock Buy/Sell
Details</button></div>
                        <div class="col"><button type="submit"
class="btn btn-primary" name="profit_report">Profit
Report</button></div>
                    </div>
                </form>
            </div>
        </div>
    </div>
    </div>
</div>

<div class="container">
<?php
if(isset($_POST['profit_report']))
{
    $query = "SELECT * FROM `profit_table` WHERE 1;";
    $data = mysqli_query($conn, $query);
    $k = 1;
    while($row = $data->fetch_assoc())
    {
        if($k == 1)
        {
        echo
            "<table class='table table-dark'>
            <thead>
            <tr>
            <th scope='col'>Stock Identity #</th>
            <th scope='col'>Bought</th>
            <th scope='col'>Sold</th>
            <th scope='col'>Profit</th>
            </tr>
            </thead>";
            $k = 2;
```

```php
        }

        echo "
                <tbody>
                <tr>
                <td>". $row["stock_id"]. "</td>
                <td>". $row["bought"]. "</td>
                <td>". $row["sold"]. "</td>
                <td>". $row["profit"]. "</td>
                </tr>
                </tbody>
                ";
    }
    echo "</table>";

}
if(isset($_POST['stock_buy_sell']))
{
    echo "
    <br>
    <div class='container col-4'>
            <form action=' ' method='post'>
            <div class='mb-3'>
                <label class='form-label'>Stock Identity Number</label>
                <input type='number' class='form-control'
name='stock_id' required><br>
                <label class='form-label'>Bought</label>
                <input type='number' class='form-control' name='bought'
required><br>
                <label class='form-label'>Sold</label>
                <input type='number' class='form-control' name='sold'
required><br>
                <button type='submit' class='btn btn-primary'
name='stock_exchange'>Submit</button>
            </form>
    <div>";

}
if(isset($_POST['stock_exchange']))
{
    $stock_id = $_POST['stock_id'];
    $bought = $_POST['bought'];
    $sold = $_POST['sold'];
```

```php
    $profit = $sold - $bought;
    $Query = "INSERT INTO `profit_table`(`stock_id`, `bought`, `sold`,
`profit`) VALUES ($stock_id, $bought, $sold, $profit)";
    $Data = mysqli_query($conn, $Query);
    if($Data)
    {
        echo "<div class='container'>Added details successfully</div>";
    }
    else
        echo "Unable to enter new details";
}

if(isset($_POST['stock_quantity_report']))
{
    echo "
    <br>
    <div class='container col-4'>

            <form action=' ' method='post'>
            <div class='mb-3'>
                <label class='form-label'><h5>Threshold
quantity</h5></label>
                <input type='number' class='form-control'
placeholder='stocks <= this quantity will be reported' name='qty'
required><br>
                <button type='submit' class='btn btn-primary'
name='Stock_quantity_report'>Generate Quantity Report</button>
            </form>
    <div>";
}

if(isset($_POST['Stock_quantity_report']))
{
    $qty = $_POST['qty'];
    $query = "SELECT * FROM `stocks` WHERE quantity <= $qty;";
    $data = mysqli_query($conn, $query);
    $k = 1;
    while($row = $data->fetch_assoc())
    {
        if($k == 1)
        {
        echo
            "<table class='table table-dark'>
```

```php
                <thead>
                <tr>
                <th scope='col'>Stock Identity #</th>
                <th scope='col'>Equipment</th>
                <th scope='col'>Quantity</th>
                <th scope='col'>Rate</th>
                </tr>
                </thead>";
                $k = 2;
        }

        echo "
                <tbody>
                <tr>
                <td>". $row["id"]. "</td>
                <td>". $row["equipment"]. "</td>
                <td>". $row["quantity"]. "</td>
                <td>". $row["rate"]. "</td>
                </tr>
                </tbody>
                ";
    }
    echo "</table>";

}

if(isset($_POST['update_customer_balance']))
{
    echo "
    <div class='container col-4'>
            <form action=' ' method='post'>
            <div class='mb-3'>
                <label class='form-label'>Customer Identity
Number</label>
                <input type='number' class='form-control'
placeholder='This customer with this id # will be deleted'
name='customer_id' required><br>
                <button type='submit' class='btn btn-danger'
name='delete_customer_balance'>Delete Customer</button>
            </form>

            <form action=' ' method='post'>
                <div class='mb-3'>
```

```php
                <br>
                    <label class='form-label'>Customer Identity
Number</label>
                    <input type='number' class='form-control'
name='customer_id' required>
                </div>
                <div class='mb-3'>
                    <label class='form-label'>Billed Amount</label>
                    <input type='number' class='form-control'
name='billed_amount' required>
                </div>
                <div class='mb-3'>
                    <label class='form-label'>Paid Amount</label>
                    <input type='number' class='form-control'
name='paid_amount' required>
                </div>
                <button type='submit' class='btn btn-primary'
name='Update_customer_balance'>Update Customer Balance</button>
            </form>
    </div> ";
}

if(isset($_POST['delete_customer_balance']))
{
    $cust_id = $_POST['customer_id'];
    $Query1 = "DELETE FROM `customer_pending_amount` WHERE customer_id
= $cust_id;";
    $Data = mysqli_query($conn, $Query1);
    if($Data)
    {
        echo "<div class='container'>Deleted Customer with Identity
#".$cust_id.".</div>";
    }
}
if(isset($_POST['Update_customer_balance']))
{
    $customer_id = $_POST['customer_id'];
    $billed_amount = $_POST['billed_amount'];
    $paid_amount = $_POST['paid_amount'];
    $balance = $billed_amount - $paid_amount;
    $Query1 = "INSERT INTO `customer_pending_amount`(`customer_id`,
`billed_amount`, `paid_amount`, `balance`) VALUES ($customer_id,
$billed_amount, $paid_amount, $balance);";
```

```php
    $Data = mysqli_query($conn, $Query1);
    if($Data)
    {
        echo "<div class='container'>Updated Customer Balance  with
Identity #".$customer_id.".</div>";
    }
}

if(isset($_POST['customer_balance_report']))
{
    $query = "SELECT * FROM `customer_pending_amount` WHERE balance !=
0;";
    $data = mysqli_query($conn, $query);
    $k = 1;
    while($row = $data->fetch_assoc())
    {
        $id = $row['customer_id'];
        $Query = "SELECT `name` FROM `customers` WHERE customer_id =
$id;";
        $Data = mysqli_query($conn, $Query);
        while($Row = $Data->fetch_assoc())
        {
            $name = $Row['name'];
        }

    if($k == 1)
    {
        echo
        "<table class='table table-dark'>
        <thead>
        <tr>
        <th scope='col'>Customer Identity #</th>
        <th scope='col'>Customer Name</th>
        <th scope='col'>Billed Amount</th>
        <th scope='col'>Paid Amount</th>
        <th scope='col'>Balance</th>
        </tr>
        </thead>";
        $k = 2;
    }
    echo
    "
                    <tbody>
```

```php
                    <tr>
                    <td>". $row["customer_id"]. "</td>
                    <td>$name</td>
                    <td>". $row["billed_amount"]. "</td>
                    <td>". $row["paid_amount"]. "</td>
                    <td>". $row["balance"]. "</td>
                    </tr>
                    </tbody>
                    ";
    }

    echo "</table>";
}

if(isset($_POST['zero_customer_balance']))
{
    $query = "SELECT * FROM `customer_pending_amount` WHERE balance =
0;";
    $data = mysqli_query($conn, $query);
    $k = 1;
    while($row = $data->fetch_assoc())
    {
        $id = $row['customer_id'];
        $Query = "SELECT `name` FROM `customers` WHERE customer_id =
$id;";
        $Data = mysqli_query($conn, $Query);
        while($Row = $Data->fetch_assoc())
        {
            $name = $Row['name'];
        }
    }

    if($k == 1)
    {
        echo
        "<table class='table table-dark'>
        <thead>
        <tr>
        <th scope='col'>Customer Identity #</th>
        <th scope='col'>Customer Name</th>
        <th scope='col'>Billed Amount</th>
        <th scope='col'>Paid Amount</th>
        <th scope='col'>Balance</th>
        </tr>
```

```php
        </thead>";
        $k = 2;
    }
    echo
    "
                    <tbody>
                    <tr>
                    <td>". $row["customer_id"]. "</td>
                    <td>$name</td>
                    <td>". $row["billed_amount"]. "</td>
                    <td>". $row["paid_amount"]. "</td>
                    <td>". $row["balance"]. "</td>
                    </tr>
                    </tbody>
                    ";
    }

    echo "</table>";
}
?>
</div>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bun
dle.min.js"
integrity="sha384-kenU1KFdBIe4zVF0s0G1M5b4hcpxyD9F7jL+jjXkk+Q2h455rYXK/
7HAuoJl+0I4" crossorigin="anonymous"></script>
</body>
</html>
```

The below php file is used to connect to the MySQL
server:

config.php

```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$database = "medic keeper";

$conn = mysqli_connect($servername, $username, $password, $database);
```

```php
if($conn)
    echo "";
else
    die("connection failed unfortunately because
".mysqli_connect_error());
?>
```

When the user logs out, the following code is rendered and redirected to index.php

```php
<?php
include("config.php");
session_start();
session_unset();
header('location:index.php');
?>
```