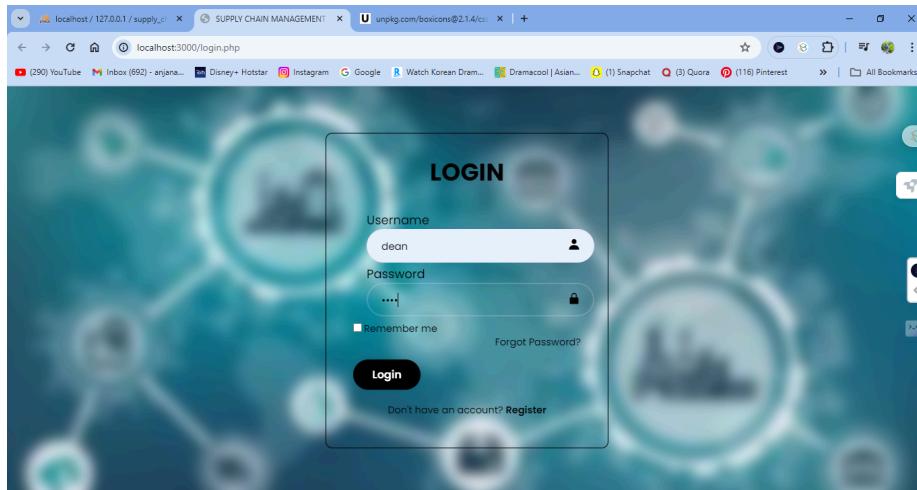
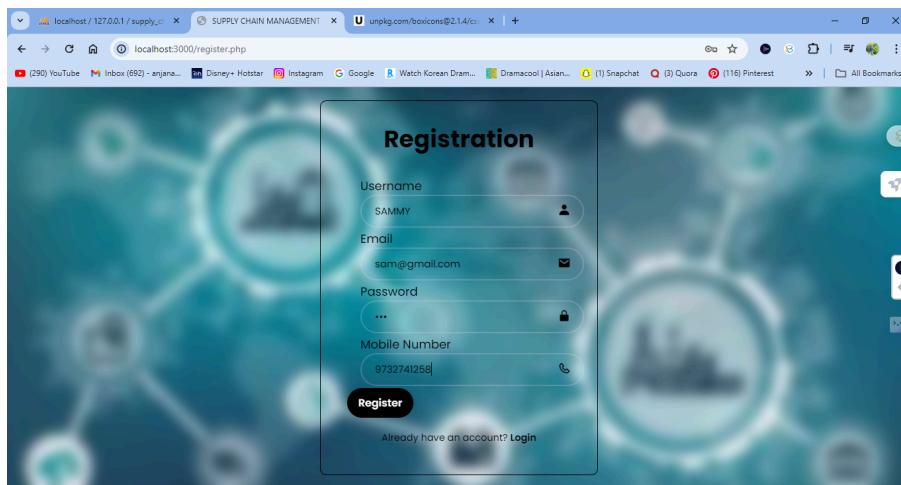


SUPPLY CHAIN MANAGEMENT SYSTEM:

1. LOGIN PAGE:



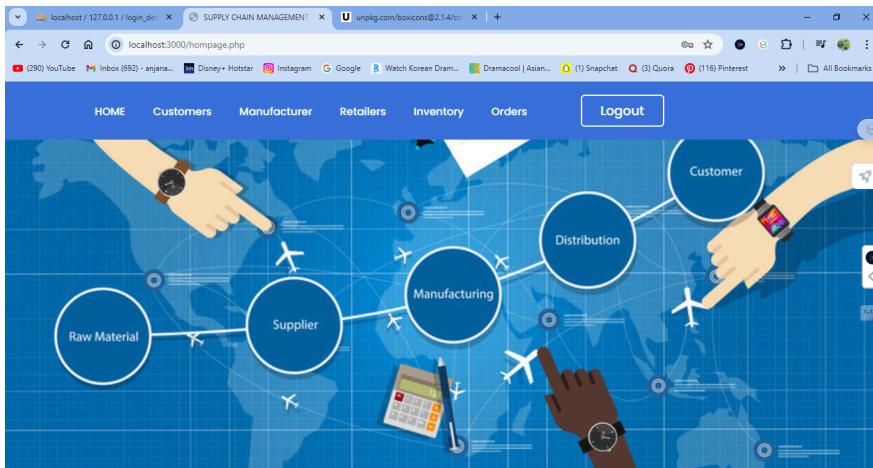
2. REGISTER PAGE:



3. DB CONNECTION FOR LOGIN AND REGISTER PAGE:

A screenshot of the MySQL Workbench interface, specifically the 'Table users' view. The table structure includes columns: id, User_email, User_mobile, User_name, date, and Password. Data rows are listed for five users: Anjana, Siva, Mia, Dean, and Sam. Each row has edit, copy, and delete options. The interface shows a green status bar at the top indicating 4 total rows.

4. HOME PAGE:



5. CUSTOMER DETAILS:

CUSTOMER DETAILS

Customer ID	Customer Name	City	Mobile Number	Payment ID
0	BOB	BAN	2147483647	13868
1	harsh	mdu	2147483647	1001
2	anu	mdu	837439573	20305
3	ash	mdu	100932742	60903
4	riya	mum	923375569	7891
5	ahana	del	837967553	2865
6	misha	ker	2147483647	657803

Add Customer **Delete Customer**

Server: 127.0.0.1 » Database: supply_chain » Table: customers

Browse **Structure** **SQL** **Search** **Insert** **Export** **Import** **Privileges** **Operations** **Tracking** **Triggers**

Showing rows 0 - 6 (7 total). Query took 0.0005 seconds.

SELECT * FROM `customers`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

		custId	cust_name	cust_add	cust_no	payld	prodId
<input type="checkbox"/>	Edit Copy Delete	0	BOB	BAN	2147483647	13868	5
<input type="checkbox"/>	Edit Copy Delete	1	harsh	mdu	2147483647	1001	1
<input type="checkbox"/>	Edit Copy Delete	2	anu	mdu	837439573	20305	2
<input type="checkbox"/>	Edit Copy Delete	3	ash	mdu	100932742	60903	3
<input type="checkbox"/>	Edit Copy Delete	4	riya	mum	923375569	7891	4
<input type="checkbox"/>	Edit Copy Delete	5	ahana	del	837967553	2865	5
<input type="checkbox"/>	Edit Copy Delete	6	misha	ker	2147483647	657803	6

Check all With selected: **Edit** **Copy** **Delete** **Export**

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

6. ADD CUSTOMER:

The screenshot shows a web browser window titled "Add Customer". The form contains the following fields:

- Name: BOB
- City: BAN
- Mobile Number: 8920192655
- Payment ID: 13868
- Product ID: 4

At the bottom right is a large black button labeled "Add Customer".

7. DELETE CUSTOMER:

The screenshot shows a web browser window titled "Delete Customer". The form contains a single input field labeled "Customer ID to Delete:" with the value "1". Below the input field is a black button labeled "Delete Customer".

8. MANUFACTURER DETAILS:

The screenshot shows a web browser window titled "Manufacturer Details". A table displays a single row of manufacturer information:

Manufacturer ID	Manufacturer Name	Company Name	Payment ID
0	jake	vs	78565

Below the table are two buttons: "Add Manufacturer" and "Delete Manufacturer".

At the bottom, there is a navigation bar with icons for Edit, Copy, Delete, and Export, and a search bar for the table.

9. PRODUCT DETAILS:

The top part of the screenshot shows a web browser window titled "Inventory Details". The page has a header "INVENTORY DETAILS" and a table with columns: Product ID, Product Name, Product Category, Product price, and Availability. The table contains the following data:

Product ID	Product Name	Product Category	Product price	Availability
0	Pen	Stationary	10	50
1	ruler	stationary	5	100
2	chocolate	snack	15	20
3	curd	Grocery	10	60
5	pencilcase	accessories	100	10
6	book	stationary	1000	1

Below the table are two buttons: "Add Product" and "Delete Product".

The bottom part of the screenshot shows a MySQL Workbench interface for a database named "supply_chain". It displays the "inventory" table with the same data as the web application. The table structure is:

```

CREATE TABLE `inventory` (
  `prod_id` int(11) NOT NULL,
  `prod_name` varchar(50) NOT NULL,
  `prod_cat` varchar(50) NOT NULL,
  `prod_price` int(11) NOT NULL,
  `available` int(11) NOT NULL
);
    
```

The data in the table is:

prod_id	prod_name	prod_cat	prod_price	available
0	Pen	Stationary	10	50
1	ruler	stationary	5	100
2	chocolate	snack	15	20
3	curd	Grocery	10	60
5	pencilcase	accessories	100	10
6	book	stationary	1000	1

10. SUPPLY CHAIN DATABASE:

The screenshot shows the MySQL Workbench interface for the "supply_chain" database. The "Structure" tab is selected, displaying the following tables:

- customers
- inventory
- manufacturer
- offer
- ordered_item
- orders
- payment
- retailer
- sale

The "Tables" section provides a detailed view of each table's structure, including columns, data types, and statistics:

Table	Action	Rows	Type	Collation	Size	Overhead
customers	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci	32.0 KIB	-
inventory	Browse Structure Search Insert Empty Drop	6	InnoDB	utf8mb4_general_ci	16.0 KIB	-
manufacturer	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KIB	-
offer	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KIB	-
ordered_item	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KIB	-
orders	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KIB	-
payment	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KIB	-
retailer	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KIB	-
sale	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KIB	-
Sum		15	InnoDB	utf8mb4_general_ci	160.0 KIB	0 B

11. DATABASE CONNECTION CODE SNIPPET:

```
<?php
session_start();
// initializing variables
$username = "";
$email    = "";
$mobile= "";
$errors = array();
$db = mysqli_connect('localhost', 'root', "", 'login_detail');
// REGISTER USER
if (isset($_POST['reg_user'])) {
    // receive all input values from the form
    $username = mysqli_real_escape_string($db, $_POST['username']);
    $email = mysqli_real_escape_string($db, $_POST['email']);
    $password = mysqli_real_escape_string($db, $_POST['password']);
    $mobile = mysqli_real_escape_string($db, $_POST['mobile']);

    // form validation: ensure that the form is correctly filled ...
    // by adding (array_push()) corresponding error unto $errors array
    if (empty($username)) { array_push($errors, "Username is required"); }
    if (empty($email)) { array_push($errors, "Email is required"); }
    if (empty($password)) { array_push($errors, "Password is required"); }
    if (empty($mobile)) { array_push($errors, "Mobile number is required"); }
    elseif (!preg_match("/^([0-9]{10})$/", $mobile)) {
        // Check if mobile number is valid
        array_push($errors, "Invalid mobile number format");
    }

    // first check the database to make sure
    // a user does not already exist with the same username and/or email
    $user_check_query = "SELECT * FROM users WHERE User_name='".$username' OR
User_mail='".$email' LIMIT 1";
    $result = mysqli_query($db, $user_check_query);
    $user = mysqli_fetch_assoc($result);
    if ($user) { // if user exists
        if ($user['User_name'] === $username) {
            array_push($errors, "Username already exists");
        }
        if ($user['User_mail'] === $email) {
            array_push($errors, "Email already exists");
        }
    }
}

// Finally, register user if there are no errors in the form
```

```

if (count($errors) == 0) {
    $password = md5($password);//encrypt the password before saving in the database
    $query = "INSERT INTO users (User_name, User_mail, User_mobile, Password)
        VALUES('$username', '$email', '$mobile', '$password')";
    mysqli_query($db, $query);
    $_SESSION['User_name'] = $username;
    $_SESSION['success'] = "You are now registered";
    header('location: homepage.php');
    exit(); // Stop execution after redirection
}
}

// LOGIN USER
if (isset($_POST['login_user'])) {
    $username = mysqli_real_escape_string($db, $_POST['Username']);
    $password = mysqli_real_escape_string($db, $_POST['password']);

    if (empty($username)) {
        array_push($errors, "Username is required");
    }
    if (empty($password)) {
        array_push($errors, "Password is required");
    }

    if (count($errors) == 0) {
        $password = md5($password);
        $query = "SELECT * FROM users WHERE User_name='$username' AND
        Password='$password'";
        $results = mysqli_query($db, $query);
        if (mysqli_num_rows($results) == 1) {
            $_SESSION['User_name'] = $username;
            $_SESSION['success'] = "You are now logged in";
            header('location: homepage.php');
            exit(); // Stop execution after redirection
        } else {
            array_push($errors, "Wrong username/password combination");
        }
    }
}

?>

```

12. RETRIEVE DATABASE INFO CODE SNIPPET:

```
<?php  
  
$conn = new mysqli('localhost', 'root', '', 'supply_chain');  
  
if ($conn->connect_error) {  
    die("Connection failed: " . $conn->connect_error);  
}  
$sql = "SELECT * FROM customers";  
$result = $conn->query($sql);  
?>
```

13. EXCEPTION HANDLING DURING ERRORS:

```
<?php if (count($errors) > 0) : ?>  
<div class="error">  
    <?php foreach ($errors as $error) : ?>  
        <p><?php echo $error ?></p>  
    <?php endforeach ?>  
</div>  
<?php endif ?>
```

14. ADD INTO DATABASE CODE SNIPPET:

```
<?php  
if ($_SERVER['REQUEST_METHOD'] === 'POST') {  
    $name = $_POST['name'];  
    $category= $_POST['category'];  
    $pay = $_POST['price'];  
    $available= $_POST['availability'];  
  
    $conn = new mysqli('localhost', 'root', '', 'supply_chain');  
  
    if ($conn->connect_error) {  
        die("Connection failed: " . $conn->connect_error);  
    }  
    $sql = "INSERT INTO inventory (prodname,prod_cat,prod_price,available)  
        VALUES ('$name', '$category', '$pay', '$available')";  
    if ($conn->query($sql) === TRUE) {  
        $conn->close();  
        header('Location: invent.php');  
        exit();  
    }else {
```

```

        echo "Error: " . $sql . "<br>" . $conn->error;
    }

    $conn->close();
}
?>

```

15. DELETE VALUE FROM DATABASE CODE SNIPPET:

```

<?php
if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['delete'])) {
    $delete_id = $_POST['delete_id'];
    $conn = new mysqli('localhost', 'root', '', 'supply_chain');

    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

    // Delete record from the manufacturer table
    $sql_delete = "DELETE FROM manufacturer WHERE man_id = '$delete_id'";
    if ($conn->query($sql_delete) === TRUE) {
        $conn->close();
        header('Location: Manu.php'); // Redirect to Manu.php after deleting manufacturer
        exit();
    } else {
        echo "Error deleting record: " . $conn->error;
    }

    $conn->close();
}
?>

```