

## **Task 2 Sinchana E**

### **1.Database Setup (MySQL)**

```
CREATE DATABASE login_system;
```

```
USE login_system;
```

```
CREATE TABLE users (  
    Id INT AUTO_INCREMENT PRIMARY KEY,  
    Username VARCHAR(100) NOT NULL,  
    Email VARCHAR(100) NOT NULL UNIQUE,  
    Password VARCHAR(255) NOT NULL,  
    Created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

### **2.Database Connection (db.php)**

```
<?php  
  
$host = "localhost";  
  
$user = "root";  
  
$pass = "";  
  
$db = "login_system";  
  
  
$conn = mysqli_connect($host, $user, $pass, $db);  
  
  
If (!$conn) {  
    Die("Database connection failed");  
}
```

?>

### 3.Signup Page (signup.php)

<?php

Include 'db.php';

If (isset(\$\_POST['signup'])) {

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

    \$email = \$\_POST['email'];

    \$password = password\_hash(\$\_POST['password'], PASSWORD\_DEFAULT);

    \$sql = "INSERT INTO users (username, email, password)

        VALUES ('\$username', '\$email', '\$password')";

    If (mysqli\_query(\$conn, \$sql)) {

        Echo "Signup successful. <a href='login.php'>Login here</a>";

    } else {

        Echo "Email already exists!";

    }

}

?>

<!DOCTYPE html>

<html>

<head>

    <title>Signup</title>

```
</head>

<body>

<h2>Signup</h2>

<form method="post">

    <input type="text" name="username" placeholder="Username" required><br><br>

    <input type="email" name="email" placeholder="Email" required><br><br>

    <input type="password" name="password" placeholder="Password" required><br><br>

    <button type="submit" name="signup">Signup</button>

</form>

</body>

</html>
```

#### 4. Login Page (login.php)

```
<?php

Session_start();

Include 'db.php';

If (isset($_POST['login'])) {

    $email  = $_POST['email'];

    $password = $_POST['password'];

    $sql = "SELECT * FROM users WHERE email='$email'";

    $result = mysqli_query($conn, $sql);

    $user = mysqli_fetch_assoc($result);

    If ($user && password_verify($password, $user['password'])) {
```

```
$_SESSION['user'] = $user['username'];  
Header("Location: dashboard.php");  
} else {  
    Echo "Invalid login details";  
}  
}  
?>
```

```
<!DOCTYPE html>  
  
<html>  
  
<head>  
    <title>Login</title>  
</head>  
  
<body>  
    <h2>Login</h2>  
    <form method="post">  
        <input type="email" name="email" placeholder="Email" required><br><br>  
        <input type="password" name="password" placeholder="Password" required><br><br>  
        <button type="submit" name="login">Login</button>  
    </form>  
    </body>  
</html>
```

## 5. Dashboard (dashboard.php)

```
<?php  
Session_start();
```

```
If (!isset($_SESSION['user'])) {  
    Header("Location: login.php");  
}  
?>
```

```
<!DOCTYPE html>  
  
<html>  
  
<head>  
    <title>Dashboard</title>  
</head>  
  
<body>  
  
<h2>Welcome <?php echo $_SESSION['user']; ?></h2>  
  
<a href="logout.php">Logout</a>  
  
</body>  
  
</html>
```

## 6. Logout (logout.php)

```
<?php  
  
Session_start();  
  
Session_destroy();  
  
Header("Location: login.php");  
  
?>
```