

Task 2 Santhosh R

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");  
?>
```