

## Workshop -7

### Student Grade Portal with Authentication and State Management

#### 1. DataBase Design (herald\_db)

- **Queries.sql**

The screenshot shows a Sublime Text window with multiple tabs open, including 'db.php', 'login.php', 'register.php', 'dashboard.php', 'preference.php', 'style.css', and 'queries.sql'. The 'queries.sql' tab contains the following SQL code:

```
CREATE DATABASE herald_db;
USE herald_db;
CREATE TABLE students (
    id INT AUTO_INCREMENT PRIMARY KEY,
    student_id VARCHAR(20) UNIQUE NOT NULL,
    full_name VARCHAR(100) NOT NULL,
    password_hash VARCHAR(255) NOT NULL
);
-- Dummy data
INSERT INTO students (student_id, full_name, password_hash) VALUES
('np0023', 'Ram Prasad', '$2y$10$Something'),
('np5678', 'Sita Kumari', '$2y$10$pass');
```

Below the Sublime Text window is a screenshot of the phpMyAdmin interface. The URL in the browser is `localhost/phpmyadmin/index.php?route=/sql&pos=0&db=herald_db&table=students`. The database selected is 'herald\_db' and the table is 'students'. The results of the query are displayed, showing two rows of data:

	id	student_id	full_name	password_hash
<input type="checkbox"/>	1	np0023	Ram Prasad	\$2y\$10\$Something
<input type="checkbox"/>	2	np5678	Sita Kumari	\$2y\$10\$pass

## 2. Home Page(register.php)

A screenshot of a web browser window titled "Register". The address bar shows "localhost/FullStackDevelopment/Workshop7/register.php". The main content is a "Student Registration" form with three input fields: "Student Id", "Name", and "Password", each with a corresponding text input box. Below the inputs is a blue "Register" button. At the bottom left of the form, there is a link "Already registered? [Login](#)".

A screenshot of a web browser window titled "Register". The address bar shows "localhost/FullStackDevelopment/Workshop7/register.php". The main content is a "Student Registration" form with three input fields: "Student Id" containing "np001", "Name" containing "Nick", and "Password" containing "\*\*\*\*\*". Each field has a corresponding text input box. Below the inputs is a blue "Register" button. At the bottom left of the form, there is a link "Already registered? [Login](#)".

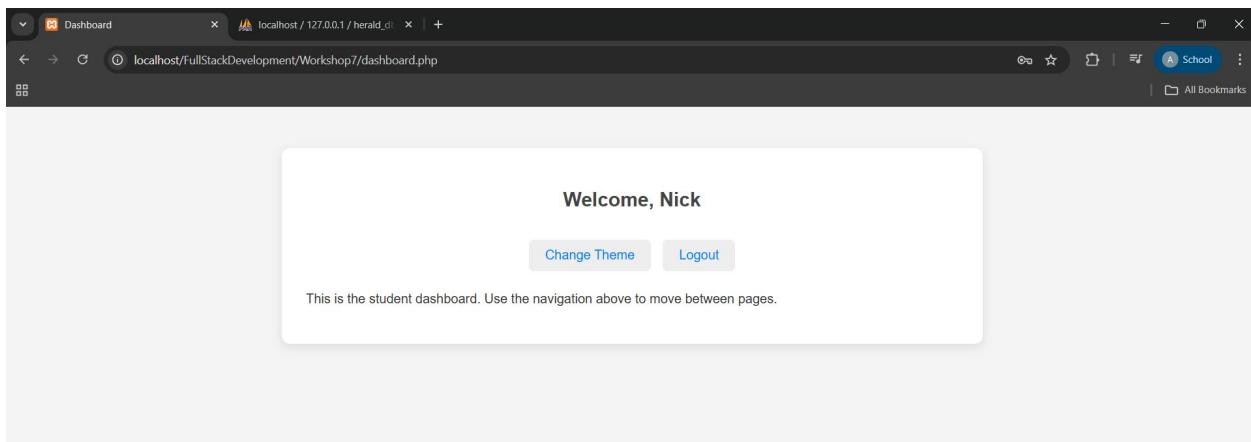
## 3. Successful Registration(login.php)

A screenshot of a web browser window titled "Login". The address bar shows "localhost/FullStackDevelopment/Workshop7/login.php". The main content is a "Student Login" form. It has two input fields: "Student Id:" containing "np001" and "Password:" containing ".....". Below the fields is a blue "Login" button. At the bottom, it says "Don't have an account? [Register](#)".

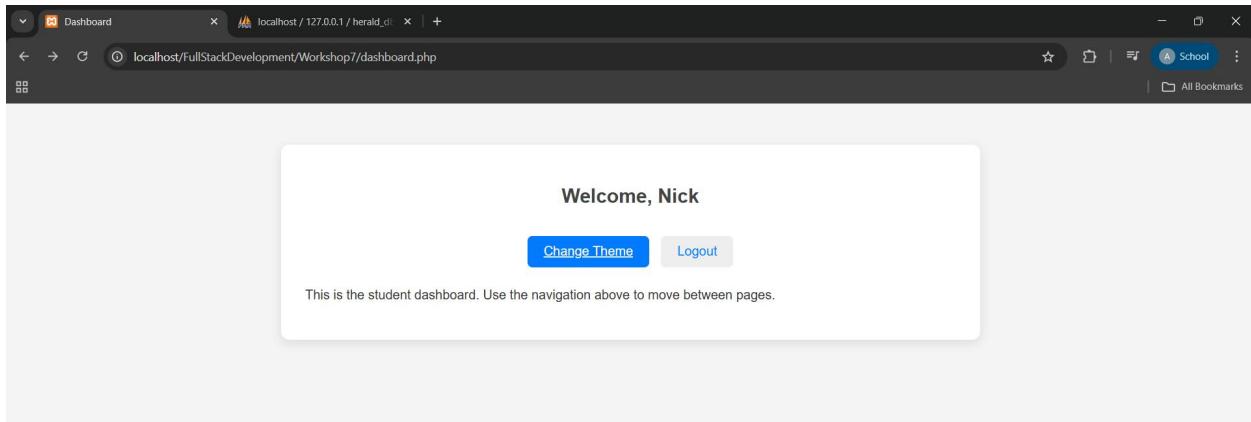
#### 4. Testing Login Logic (login.php)

A screenshot of a web browser window titled "Login". The address bar shows "localhost/127.0.0.1/herald\_d...". The main content is a "Student Login" form. It has two input fields: "Student Id:" containing "np001" and "Password:" containing ".....". Below the fields is a blue "Login" button. At the bottom, it says "Don't have an account? [Register](#)".

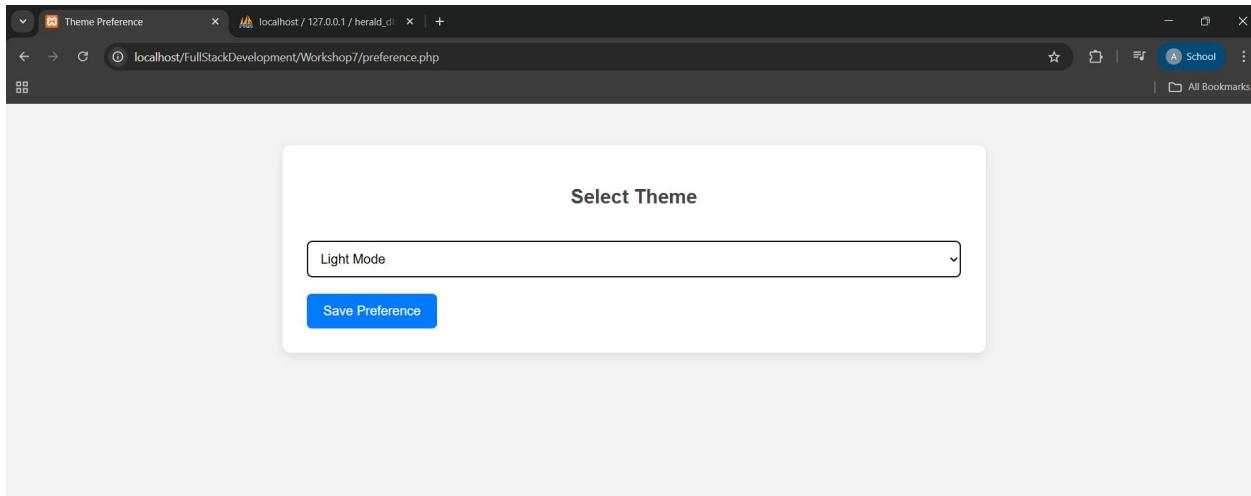
#### 5. Successful Login(dashboard.php)



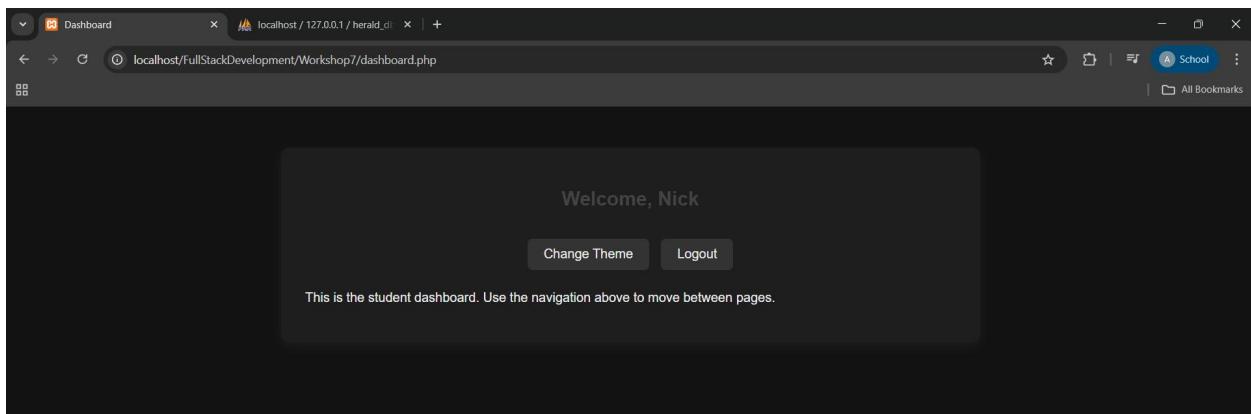
## 6. Changing Preference(dashboard.php)



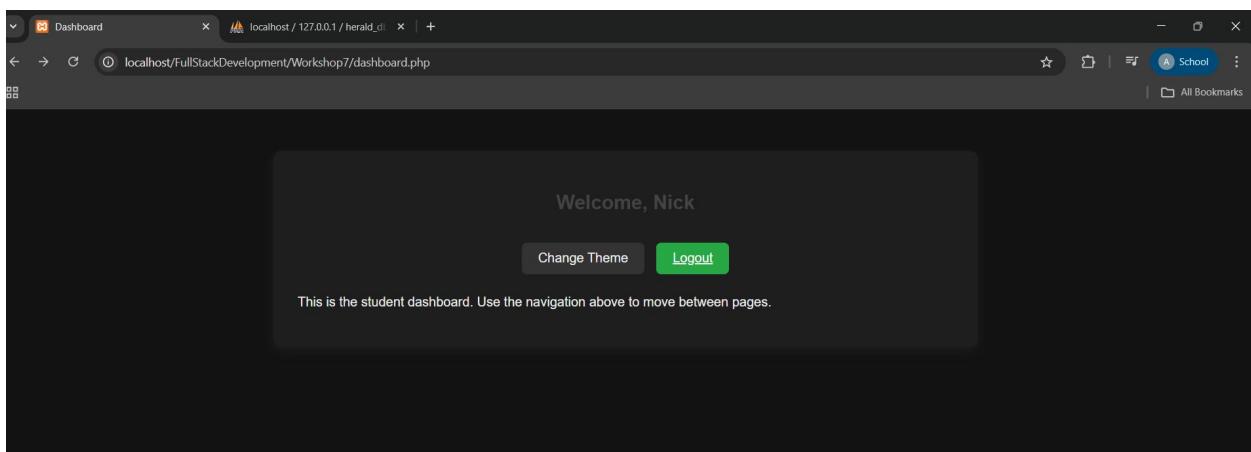
## 7. Selecting Theme(preference.php)



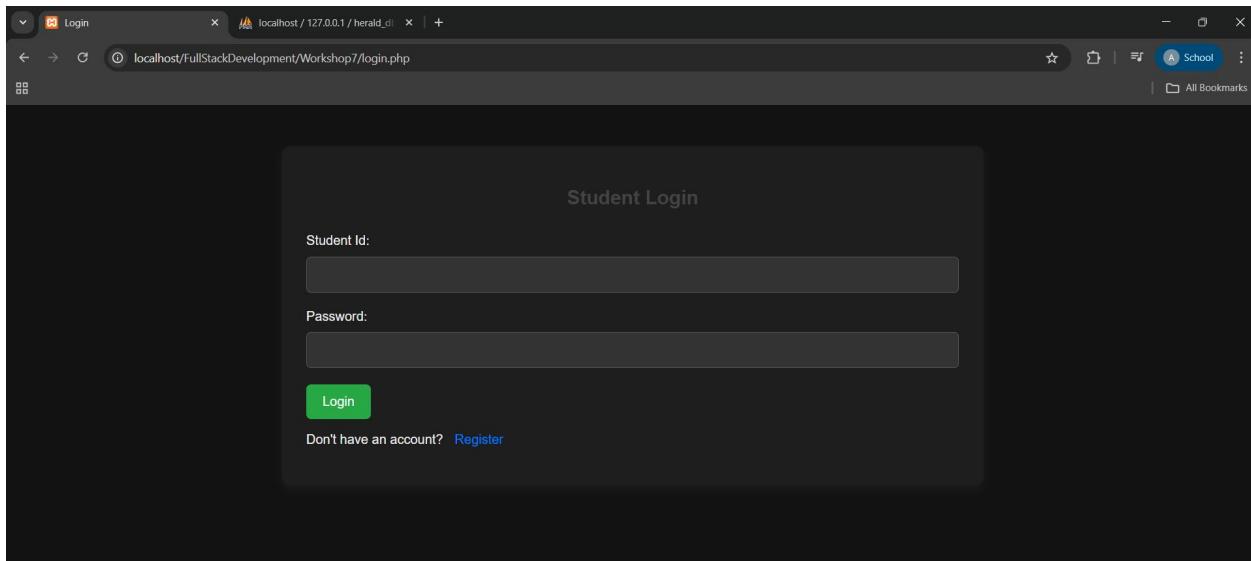
## 8. Successful Changing Preference(dashboard.php)



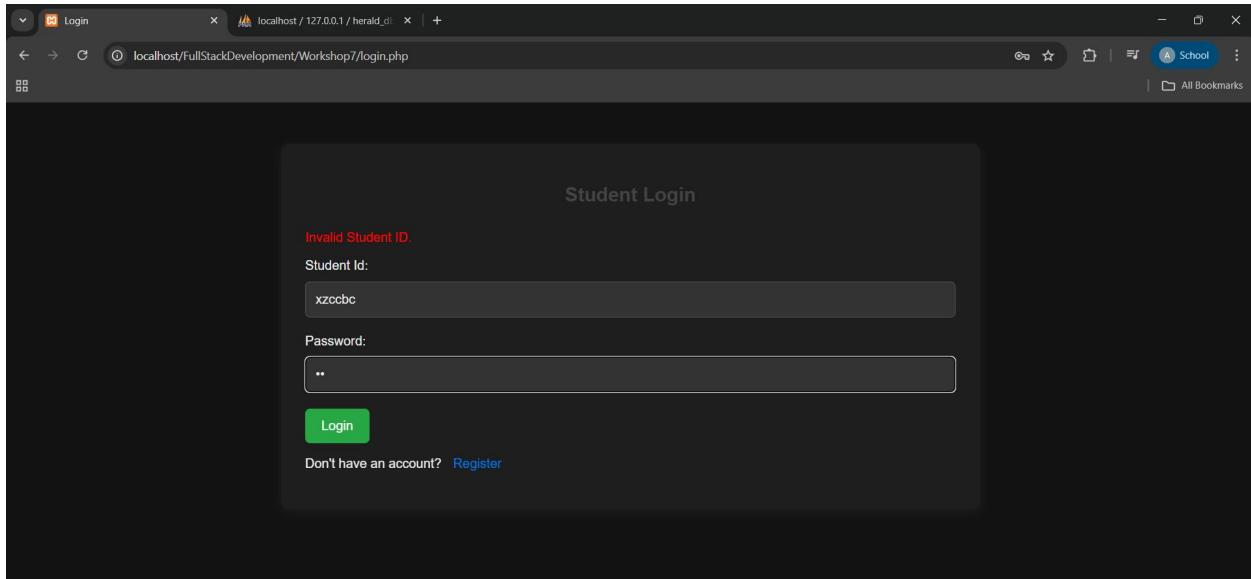
## 9. Logging Out (dashboard.php)



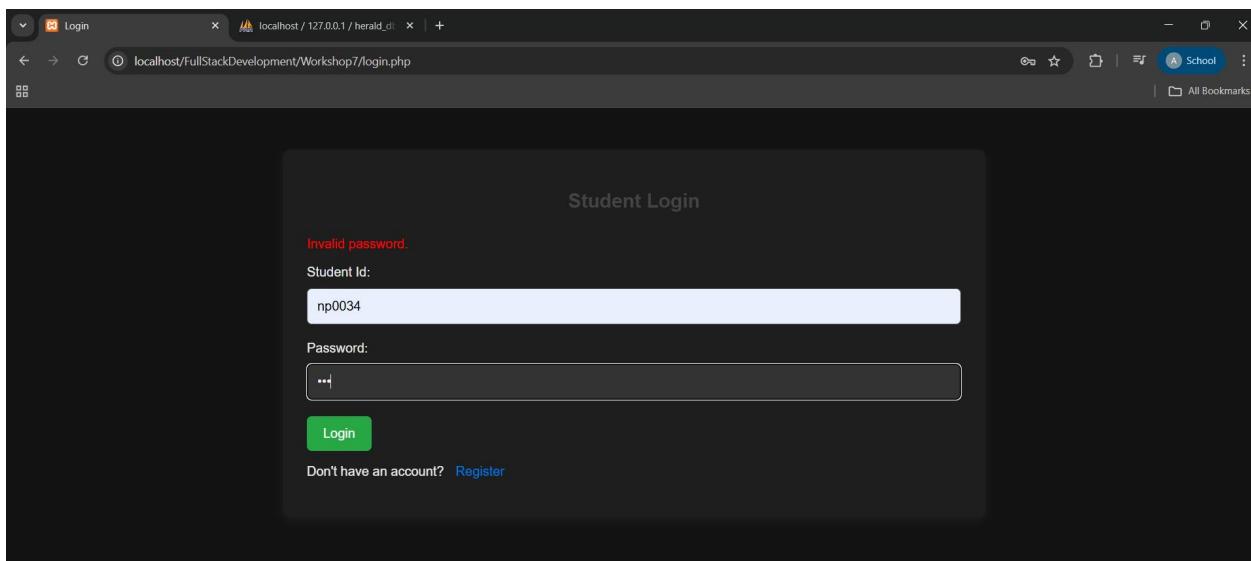
## 10. Successful Logout (login.php)



## 11. For Invalid StudentId (login.php)



## 12. For Invalid Password(login.php)



## 13. For Unregistered Account(login.php through Register Button)

A screenshot of a web browser window showing a "Student Login" form. The title bar says "localhost / 127.0.0.1 / herald\_cli". The form has a dark background with light-colored input fields. It includes fields for "Student Id" and "Password", a green "Login" button, and a link "Don't have an account? [Register](#)".

#### 14. Redirect to Register Page(register.php)

A screenshot of a web browser window showing a "Student Registration" form. The title bar says "localhost / 127.0.0.1 / herald\_cli". The form has a dark background with light-colored input fields. It includes fields for "Student Id", "Name", and "Password", a green "Register" button, and a link "Already registered? [Login](#)".

#### 15. For Logging Into An Registered Account(register.php through Login Button)

A screenshot of a web browser window showing a "Student Registration" form. The form is contained within a dark gray modal box. It includes fields for "Student Id", "Name", and "Password", each with a corresponding input field. Below the fields is a green "Register" button. At the bottom of the modal, there is a link "Already registered? [Login](#)". The browser's address bar shows the URL `localhost/FullStackDevelopment/Workshop7/register.php`.

## 16. Redirecting to Login Page(login.php)

A screenshot of a web browser window showing a "Student Login" form. The form is contained within a dark gray modal box. It includes fields for "Student Id" and "Password", each with a corresponding input field. Below the fields is a green "Login" button. At the bottom of the modal, there is a link "Don't have an account? [Register](#)". The browser's address bar shows the URL `localhost/FullStackDevelopment/Workshop7/login.php`.

## 17. Database(herald\_db)

The screenshot shows the phpMyAdmin interface for the 'herald\_db' database. The left sidebar lists databases: daraz, herald\_db, information\_schema, java, mysql, performance\_schema, phpmysqladmin, school\_db, tech\_store, test, and week4. The 'students' table under 'herald\_db' is selected. The main area displays the table structure and data.

**Table: students**

	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	<a href="#">id</a>	<a href="#">student_id</a>	<a href="#">full_name</a>	<a href="#">password_hash</a>
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	1	np0023	Ram Prasad	\$2y\$10\$Something
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2	np5678	Sita Kumari	\$2y\$10\$pass
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	3	np0034	Aditri	\$2y\$10\$6ARKDohniMXe0lbzwwwXe0v1yyFFB6ZtvHWHT5jgr...
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	5	np003444	apple	\$2y\$10\$z2m9f1JM9sfr0NTHDx09OMsmEiGZM3wUaJQj7PaX8J...
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	7	np0453432	apple	\$2y\$10\$wAQILFrF5c0.zJvuUnAe070MiGmRYx466bcPInNxKu...
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	8	np0999	Ram	\$2y\$10\$9FmtrKErX5hxNqfOzBEVbX.Yb3w3aCP2WltoSTTJr9ON...
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	9	Student01	James	\$2y\$10\$uDfqXCEOqrJy3fJvu9zu615aruElld2VFkBNBV5g...
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	10	hh1	John	\$2y\$10\$7URNZFgypca6ifM96KyQdXg30Tb0nYw60V1GWozD2...
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	11	12	John	\$2y\$10\$ViO_jgN2oK0hr3MH04GeO.ngwNXrvFkExAwmfIHMT...
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	12	np001	Nick	\$2y\$10\$xxwMzRWrBdkhlh1tIQHAYeb0Nnrdrbf6fcota7BIDATe...
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	14	np002	Harry	\$2y\$10\$uwdfPtotQ1TRW2pPVDOteP4uwOLLbxKF17x85HJu...

Github Repository Link:

<https://github.com/AditriPrajapati1/Workshop7>