

Workshop -7

Student Grade Portal with Authentication and State Management

1. DataBase Design (herald_db)

- Queries.sql

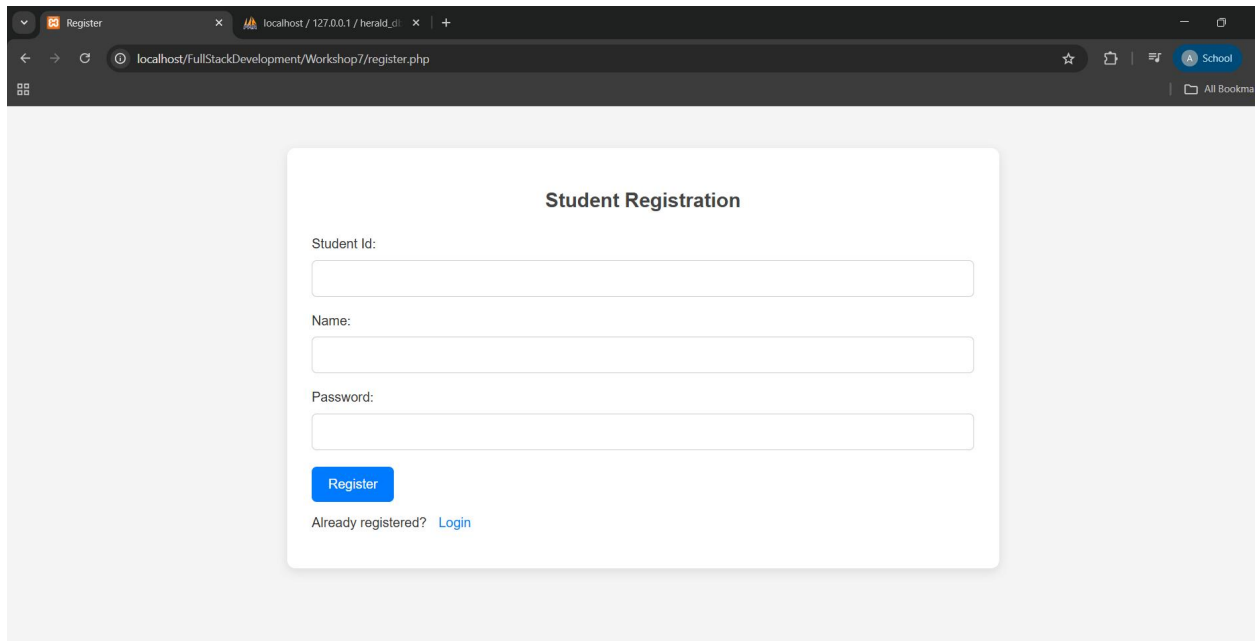
The screenshot displays a Sublime Text editor window titled "C:\xampp\htdocs\FullStackDevelopment\Workshop7\queries.sql (Workshop7) - Sublime Text (UNREGISTERED)". The editor shows the following SQL code:

```
1 CREATE DATABASE herald_db;
2
3 USE herald_db;
4
5 CREATE TABLE students (
6     id INT AUTO_INCREMENT PRIMARY KEY,
7     student_id VARCHAR(20) UNIQUE NOT NULL,
8     full_name VARCHAR(100) NOT NULL,
9     password_hash VARCHAR(255) NOT NULL
10 );
11
12 -- Dummy data
13
14 INSERT INTO students (student_id, full_name, password_hash) VALUES
15 ('np0023', 'Ram Prasad', '$2y$10$Something'),
16 ('np5678', 'Sita Kumari', '$2y$10$pass');
```

Below the editor, a web browser window shows the phpMyAdmin interface. The address bar displays "localhost/phpmyadmin/index.php?route=/sql&pos=0&db=herald_db&table=students". The interface shows the "Table: students" with the following data:

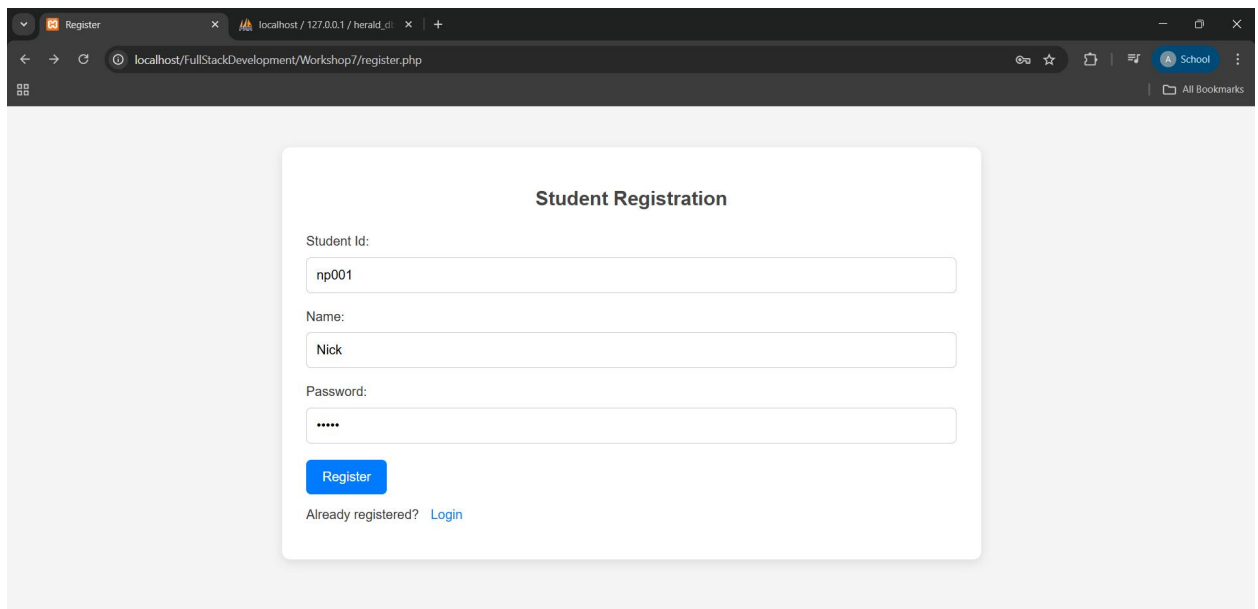
| id | student_id | full_name | password_hash |
|----|------------|-------------|---------------------|
| 1 | np0023 | Ram Prasad | \$2y\$10\$Something |
| 2 | np5678 | Sita Kumari | \$2y\$10\$pass |

2. Home Page(register.php)



A screenshot of a web browser displaying the 'Student Registration' form. The browser's address bar shows the URL 'localhost/FullStackDevelopment/Workshop7/register.php'. The form is centered on a light gray background and contains the following elements:

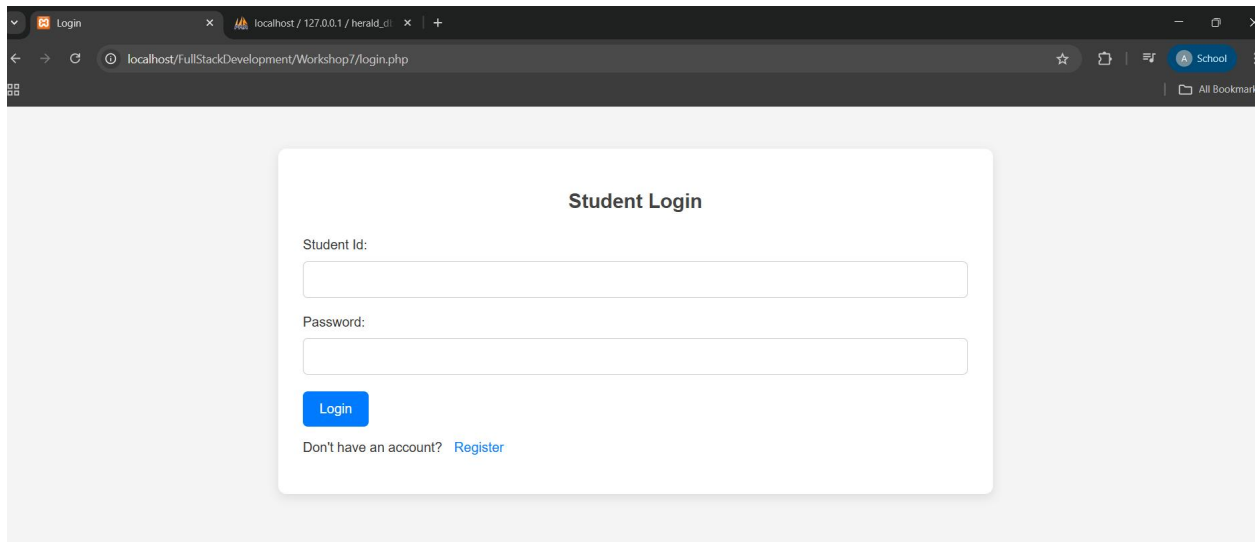
- Student Id:** A text input field.
- Name:** A text input field.
- Password:** A text input field.
- Register:** A blue button.
- Already registered?** A link labeled 'Login'.



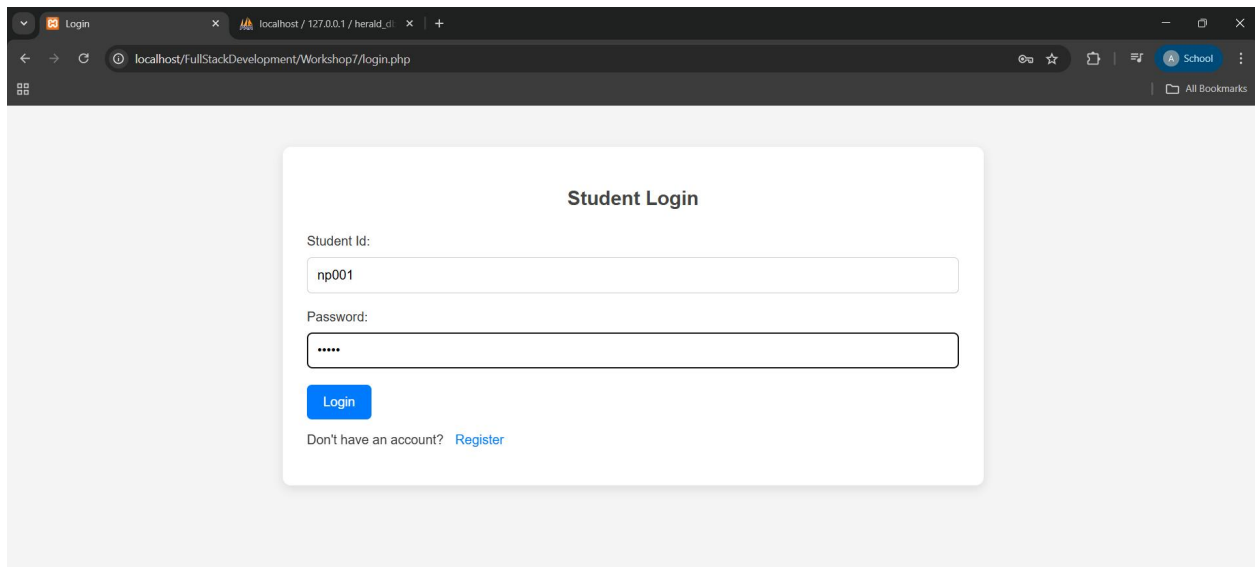
A screenshot of the same 'Student Registration' form, but with pre-filled data in the input fields. The browser's address bar remains the same. The form contains the following elements:

- Student Id:** A text input field containing 'np001'.
- Name:** A text input field containing 'Nick'.
- Password:** A text input field containing '*****'.
- Register:** A blue button.
- Already registered?** A link labeled 'Login'.

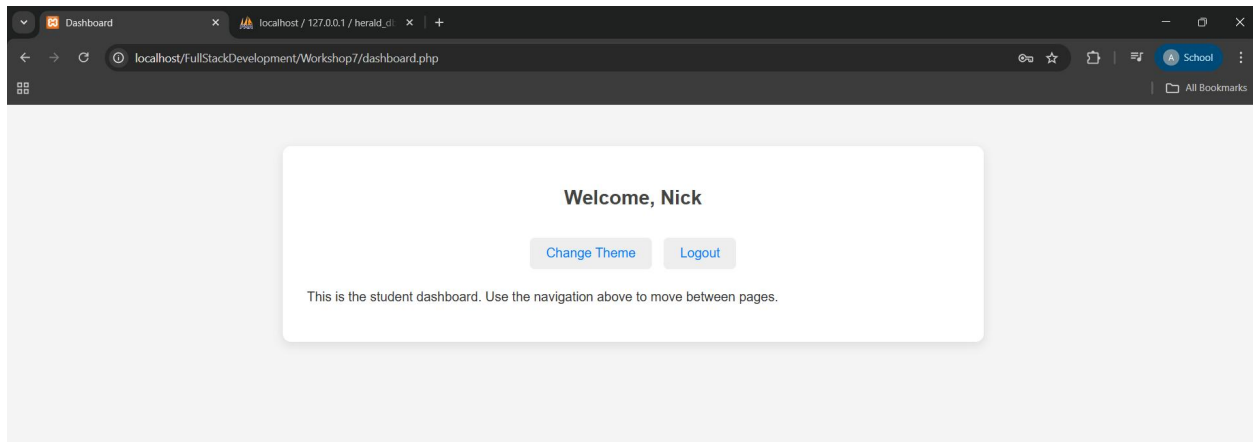
3. Successful Registration(login.php)



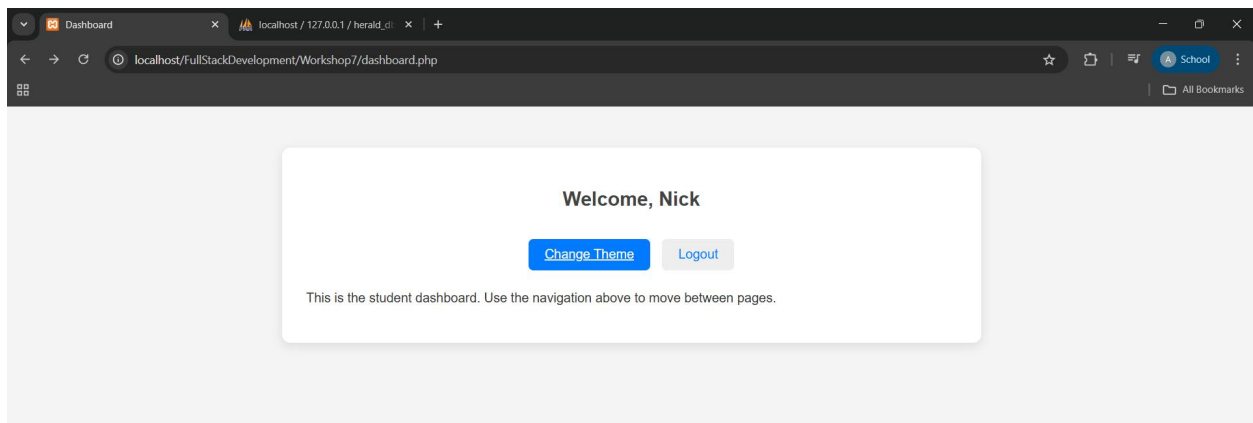
4. Testing Login Logic (login.php)



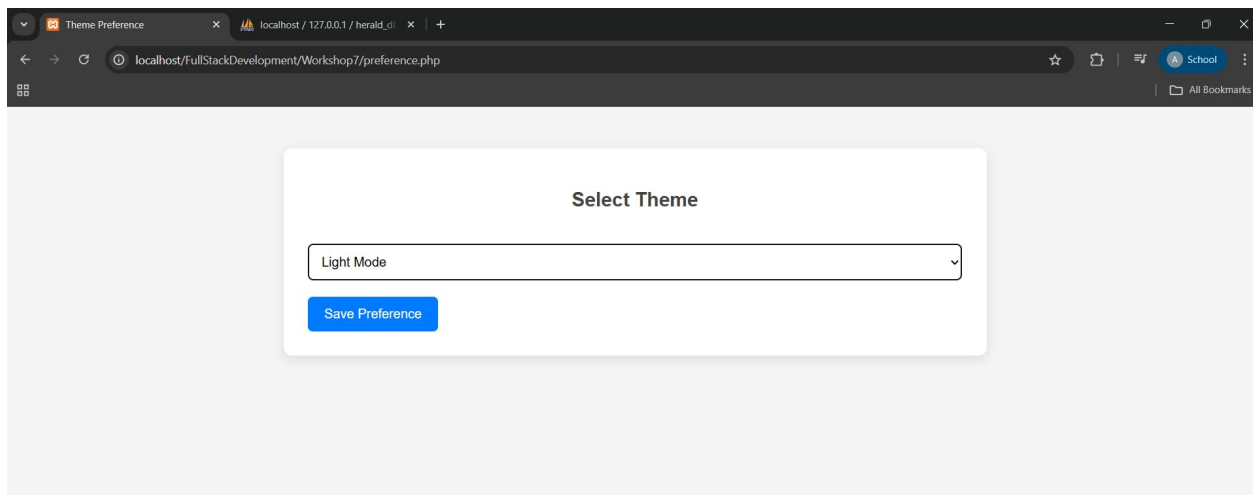
5. Successful Login(dashboard.php)



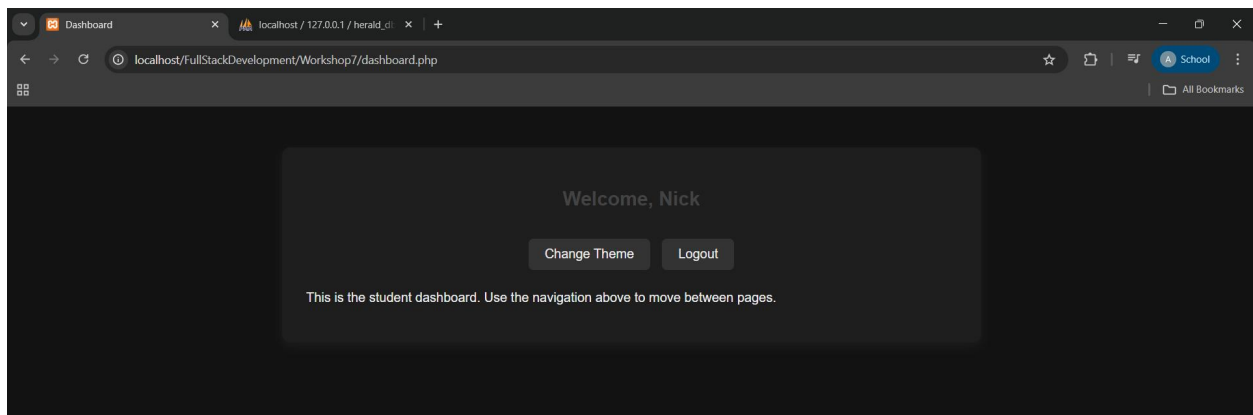
6. Changing Preference(dashboard.php)



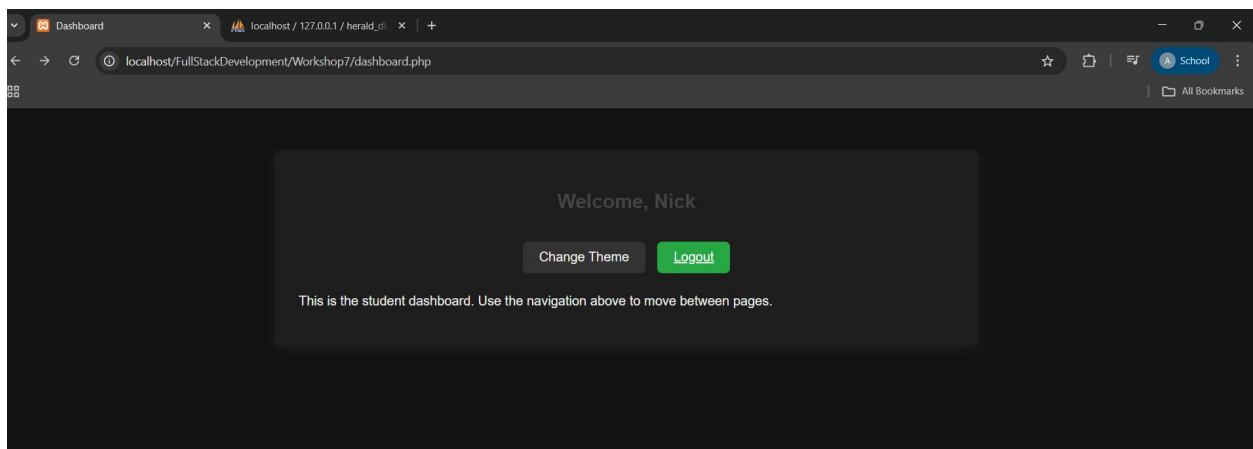
7. Selecting Theme(preference.php)



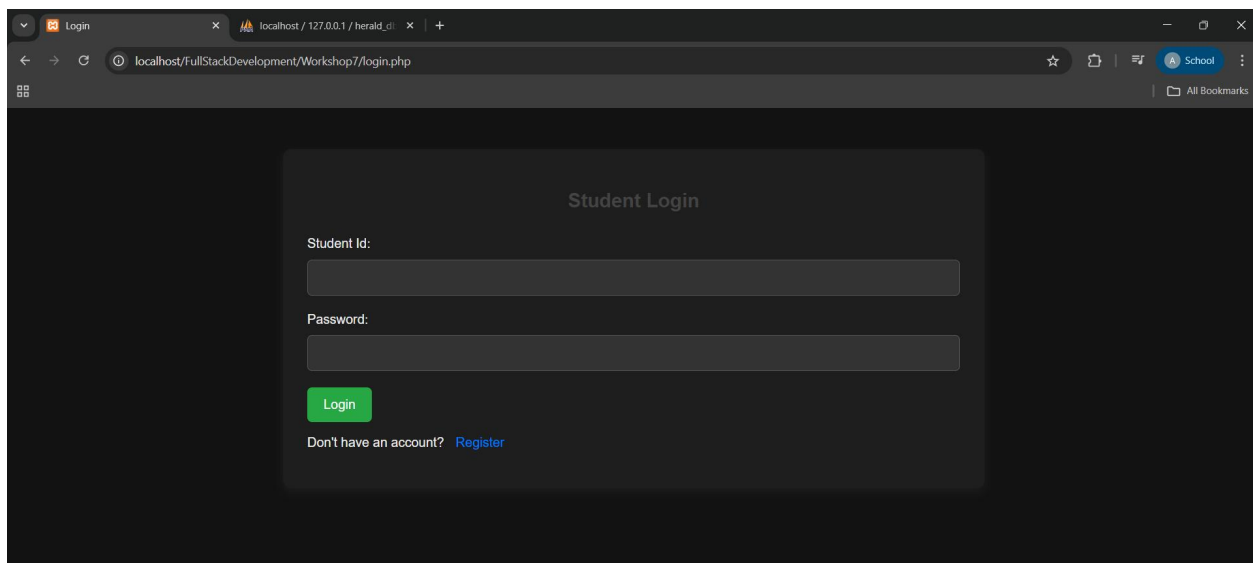
8. Successful Changing Preference(dashboard.php)



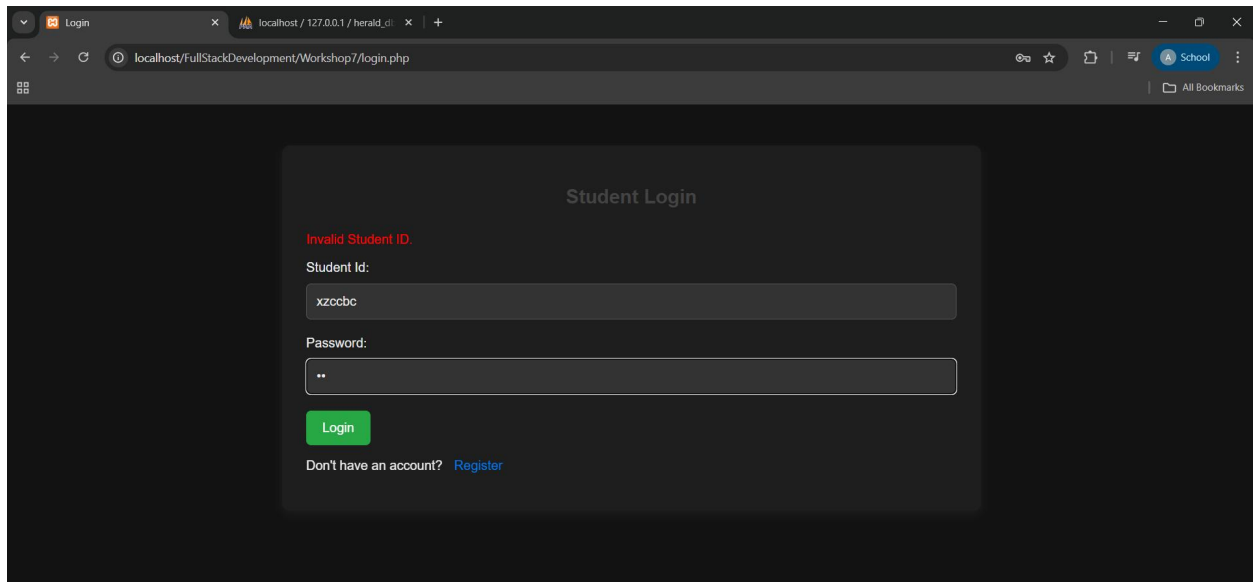
9. Logging Out(dashboard.php)



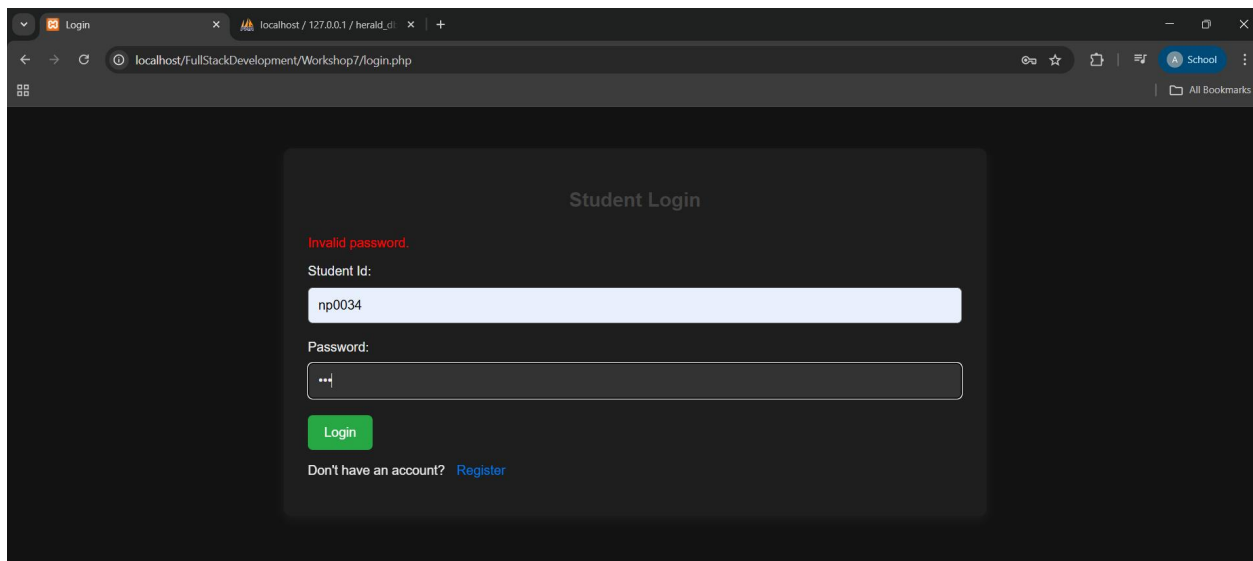
10. Successful Logout(login.php)



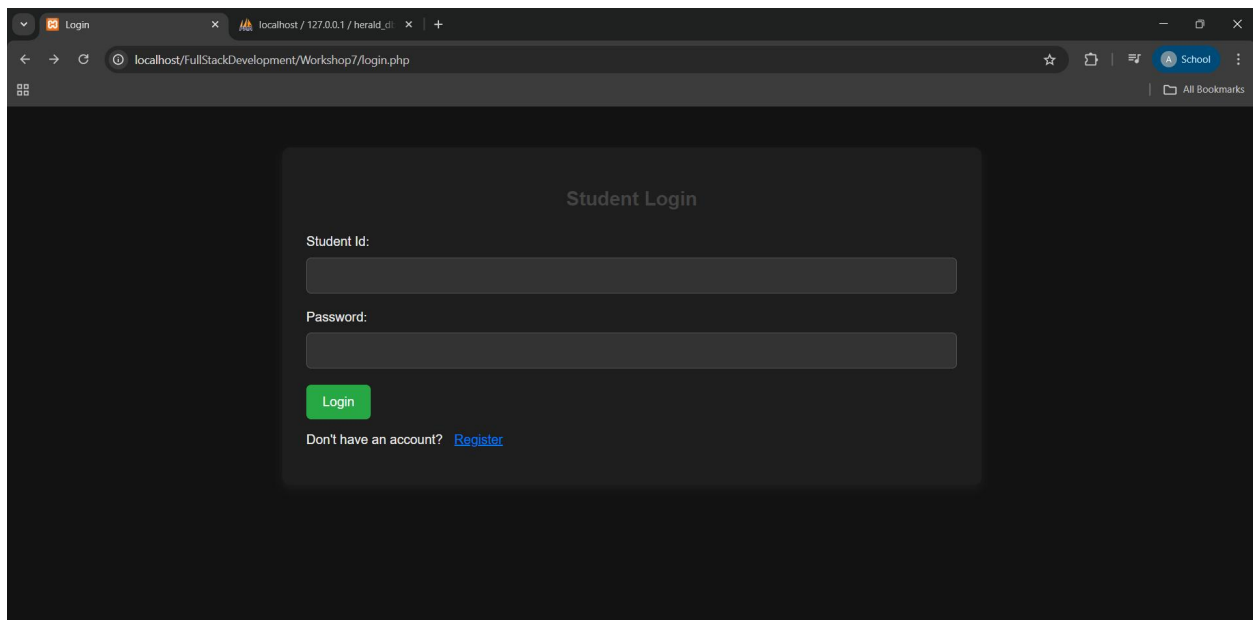
11. For Invalid StudentId(login.php)



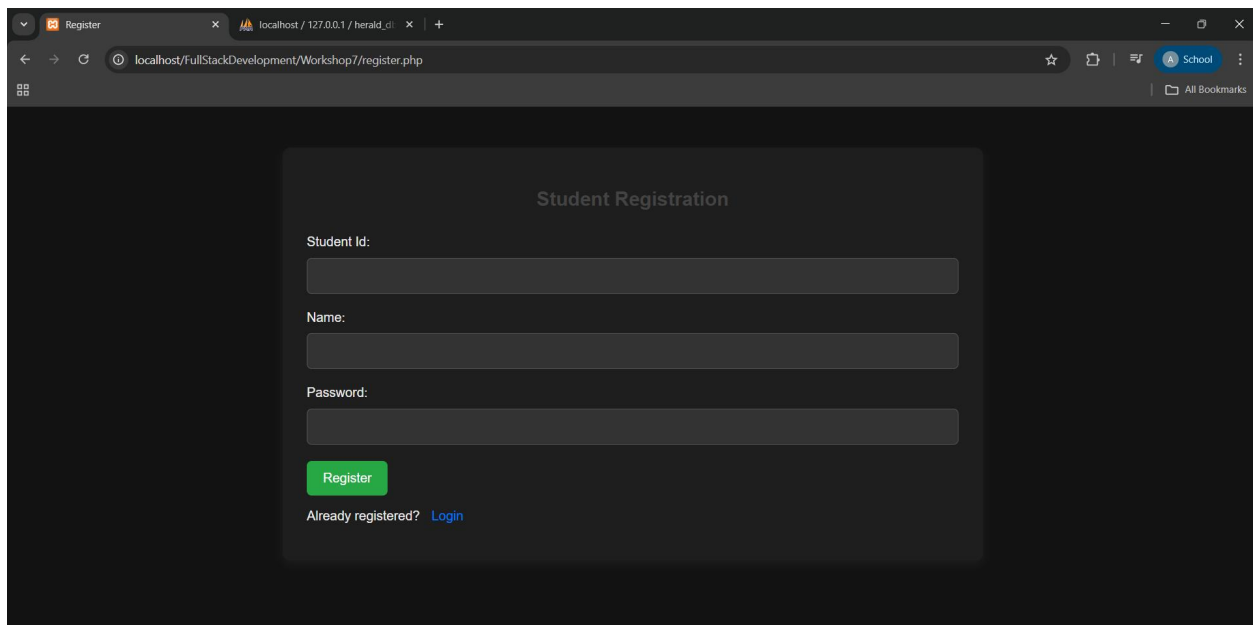
12. For Invalid Password(login.php)



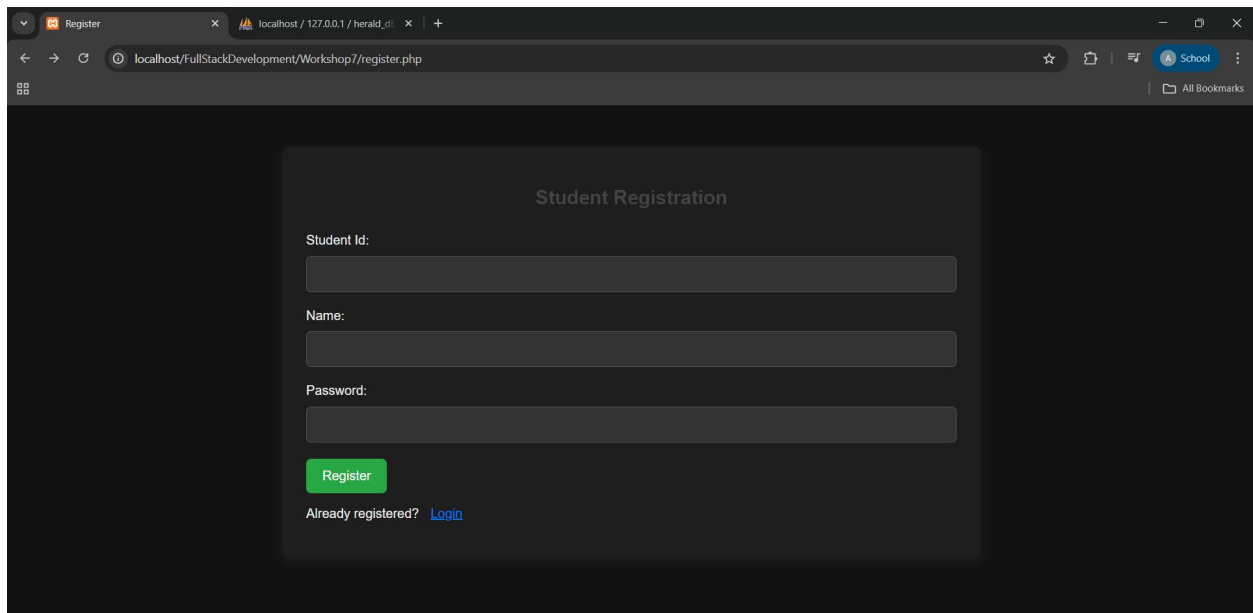
13. For Unregistered Account(login.php through Register Button)



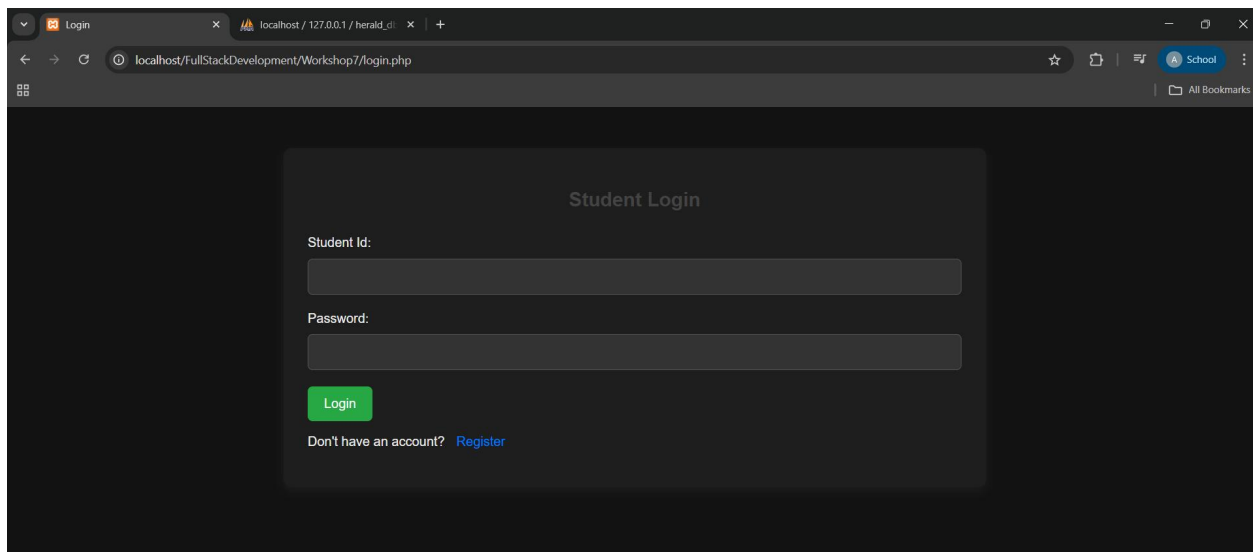
14. Redirect to Register Page(register.php)



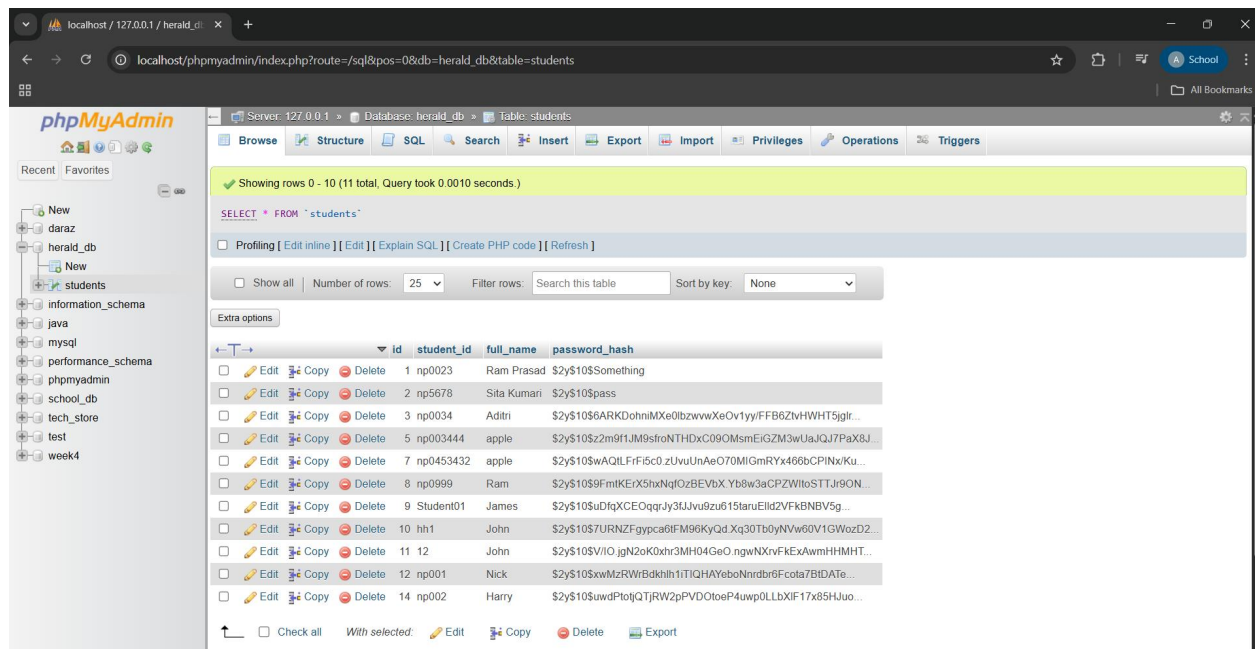
15. For Logging Into An Registered Account(register.php through Login Button)



16. Redirecting to Login Page(login.php)



17. Database(herald_db)



Github Repository Link:

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