

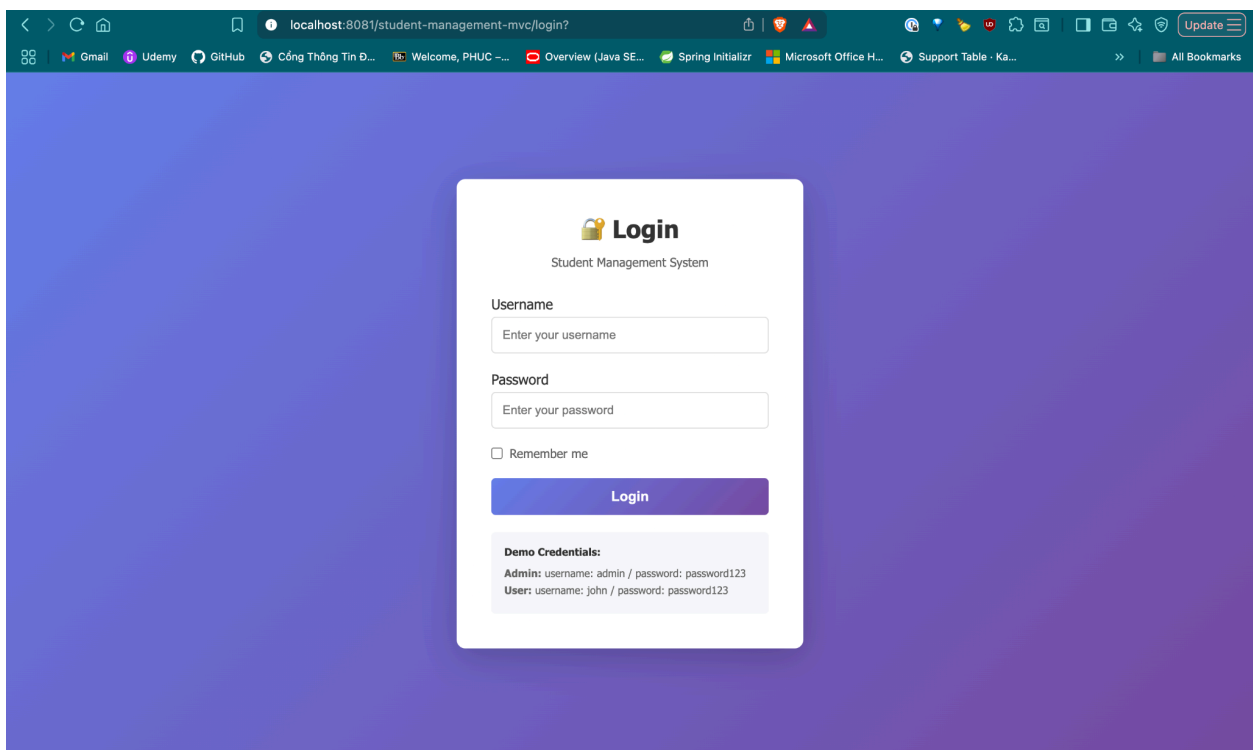
## Lab 6

### Github site & link

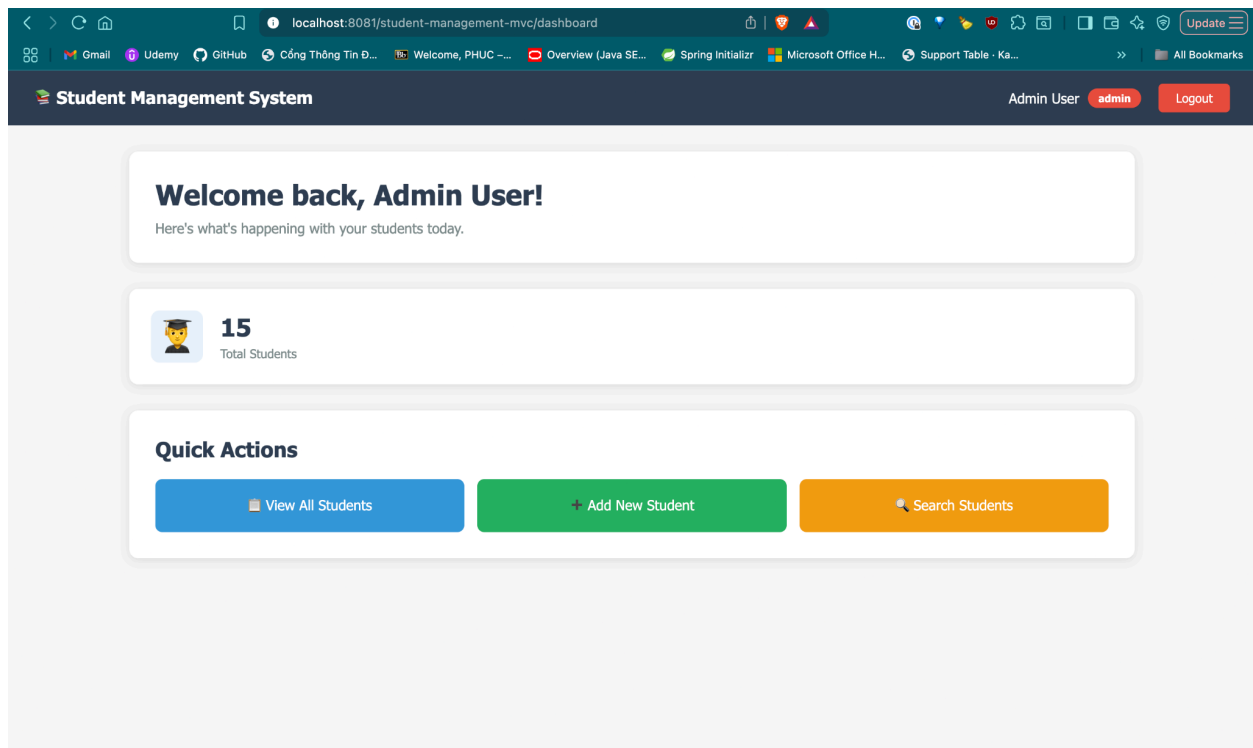
<https://github.com/alexis0704/web-dev-practice-lab/tree/main/student-management-mvc>

### Testing the sample code

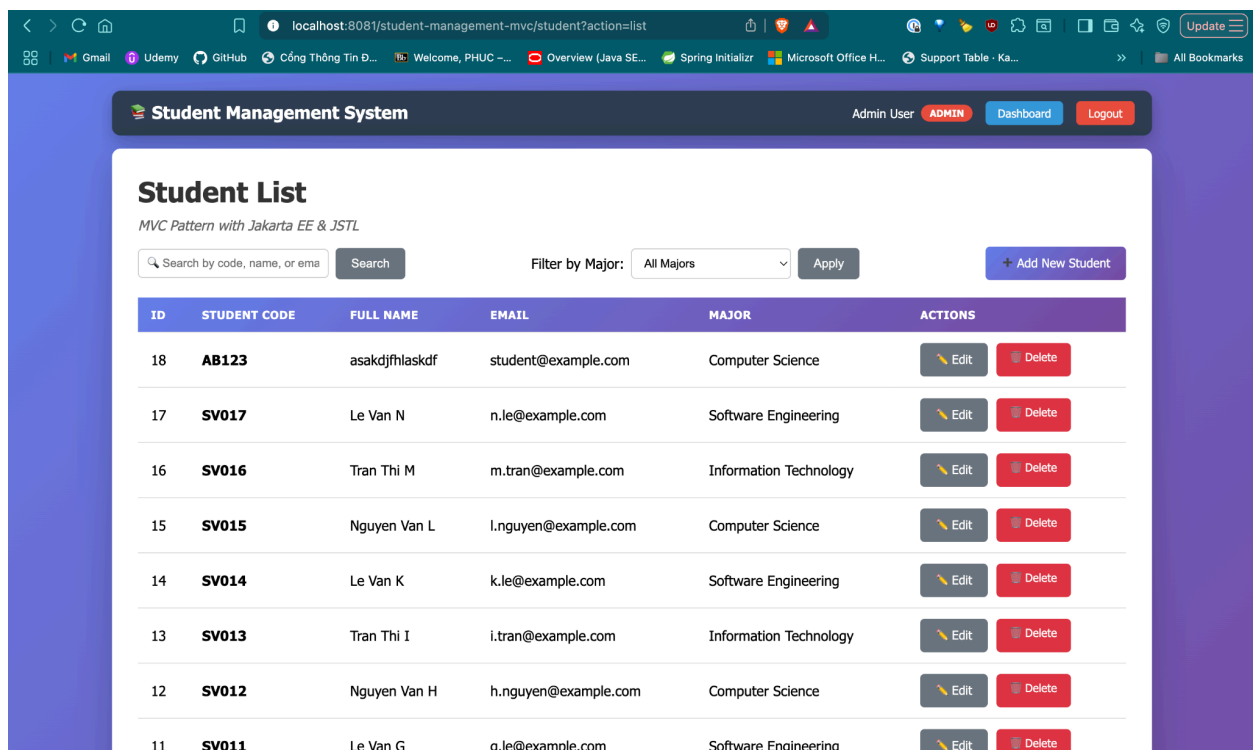
#### 1. Access: <http://localhost:8080/YourApp/> → Redirected to login (AuthFilter)



## 2. Login with: admin / password123 → Creates session → Redirected to dashboard



## 3. Click "View All Students" → Shows student list → Edit/Delete buttons visible (admin)



#### 4. Logout → Session invalidated → Redirected to login

**Login**  
Student Management System

✓ You have been logged out successfully

Username Unlock 1 Password  
Enter your username

Password  
Enter your password

☐ Remember me

**Login**

**Demo Credentials:**  
Admin: username: admin / password: password123  
User: username: john / password: password123

#### 5. Login with: john / password123 → Regular user view → No Edit/Delete buttons

**Student Management System** John Doe **USER** [Dashboard](#) [Logout](#)

**Student List**  
MVC Pattern with Jakarta EE & JSTL

Search by code, name, or email   Filter by Major:

ID	STUDENT CODE	FULL NAME	EMAIL	MAJOR
18	AB123	asakdjfhaskdf	student@example.com	Computer Science
17	SV017	Le Van N	n.le@example.com	Software Engineering
16	SV016	Tran Thi M	m.tran@example.com	Information Technology
15	SV015	Nguyen Van L	l.nguyen@example.com	Computer Science
14	SV014	Le Van K	k.le@example.com	Software Engineering
13	SV013	Tran Thi I	i.tran@example.com	Information Technology
12	SV012	Nguyen Van H	h.nguyen@example.com	Computer Science
11	SV011	Le Van G	g.le@example.com	Software Engineering
10	SV010	Tran Thi F	f.tran@example.com	Information Technology
9	SV009	Nguyen Van E	e.nguyen@example.com	Computer Science

1 2 Next »

6. Try to access: `/student?action=new` → AdminFilter blocks access → Error message displayed

The screenshot shows a web browser at `localhost:8081/student-management-mvc/student?action=list&error=Acc...`. The page title is "Student Management System" and the user is logged in as "John Doe" with the role "USER". The page displays a "Student List" with a red error message: "Access denied. Admin privileges required." Below the error message, there is a search bar and a filter dropdown set to "All Majors". The table below contains 10 rows of student data.

ID	STUDENT CODE	FULL NAME	EMAIL	MAJOR
18	AB123	asakdjfhaskdf	student@example.com	Computer Science
17	SV017	Le Van N	n.le@example.com	Software Engineering
16	SV016	Tran Thi M	m.tran@example.com	Information Technology
15	SV015	Nguyen Van L	l.nguyen@example.com	Computer Science
14	SV014	Le Van K	k.le@example.com	Software Engineering
13	SV013	Tran Thi I	i.tran@example.com	Information Technology
12	SV012	Nguyen Van H	h.nguyen@example.com	Computer Science
11	SV011	Le Van G	g.le@example.com	Software Engineering
10	SV010	Tran Thi F	f.tran@example.com	Information Technology