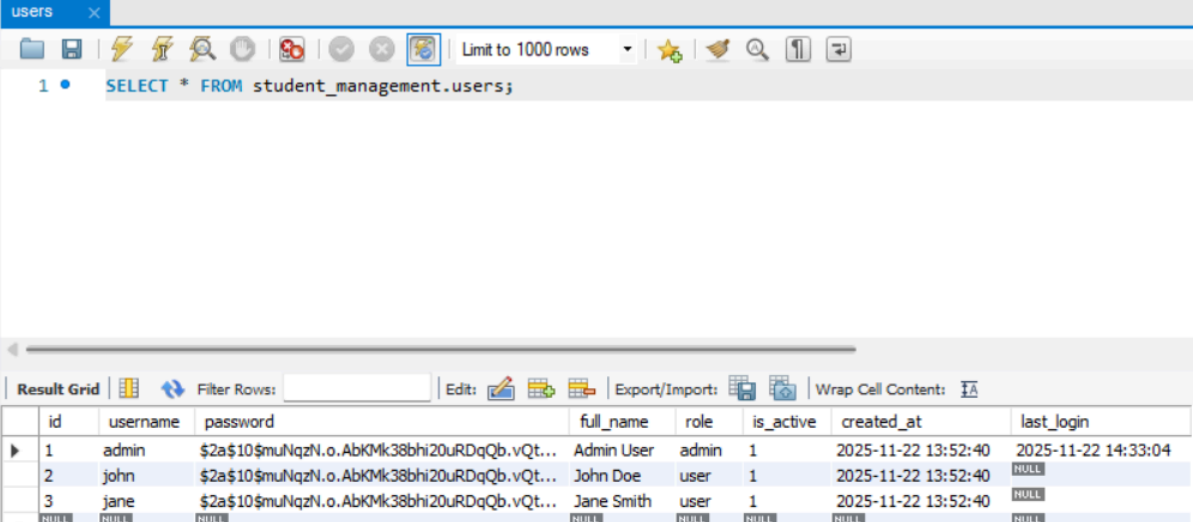


**Trần Thị Kiều My - ITCSIU23026**  
**Lab #6**  
**AUTHENTICATION & SESSION MANAGEMENT**

**Checkpoint #1:** Show the instructor the users table with test data.



The screenshot shows a database client window titled 'users'. The SQL query 'SELECT \* FROM student\_management.users;' is entered. The result grid displays the following data:

id	username	password	full_name	role	is_active	created_at	last_login
1	admin	\$2a\$10\$muNqzN.o.AbKmk38bhi20uRDqQb.vQt...	Admin User	admin	1	2025-11-22 13:52:40	2025-11-22 14:33:04
2	john	\$2a\$10\$muNqzN.o.AbKmk38bhi20uRDqQb.vQt...	John Doe	user	1	2025-11-22 13:52:40	NULL
3	jane	\$2a\$10\$muNqzN.o.AbKmk38bhi20uRDqQb.vQt...	Jane Smith	user	1	2025-11-22 13:52:40	NULL
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

**Checkpoint #2:** Show instructor UserDao authentication working.

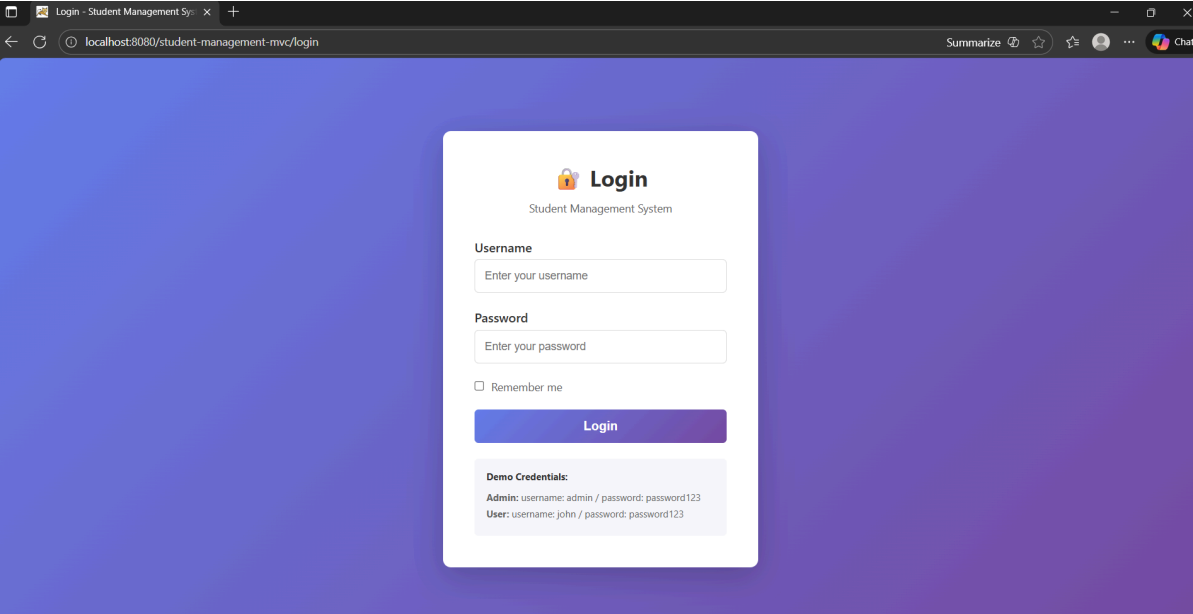
Authentication successful!

User{id=1, username='admin', fullName='Admin User', role='admin', isActive=true}

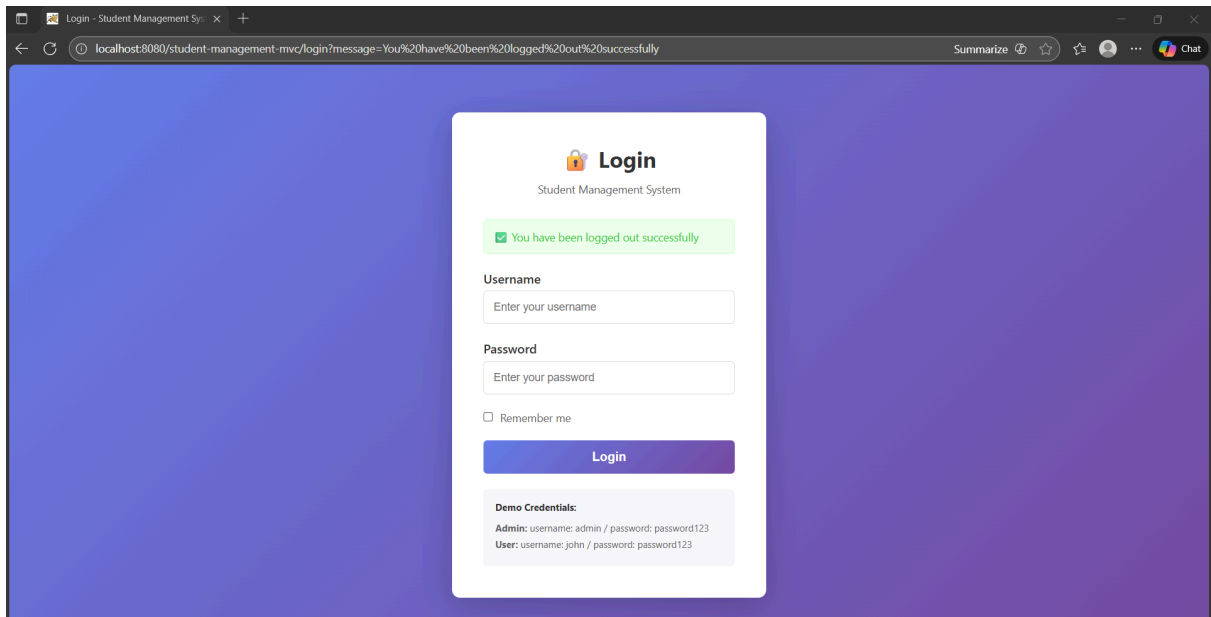
Invalid auth: Correctly rejected

-----  
**BUILD SUCCESS**  
-----

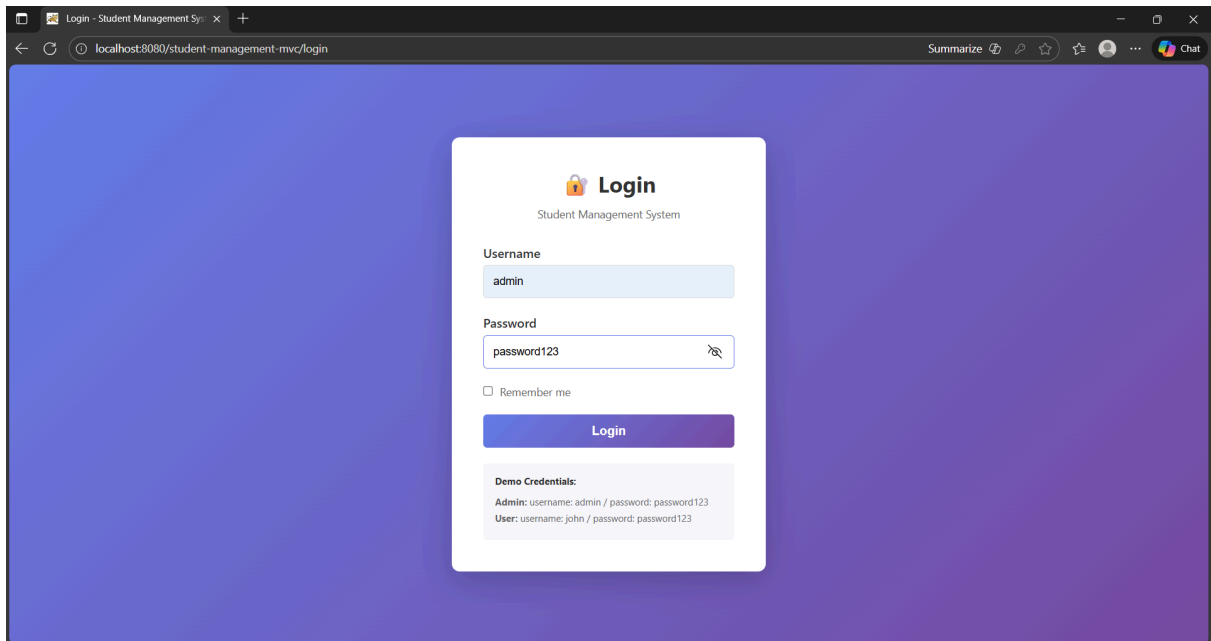
**Checkpoint #3:** Show instructor login and logout working.

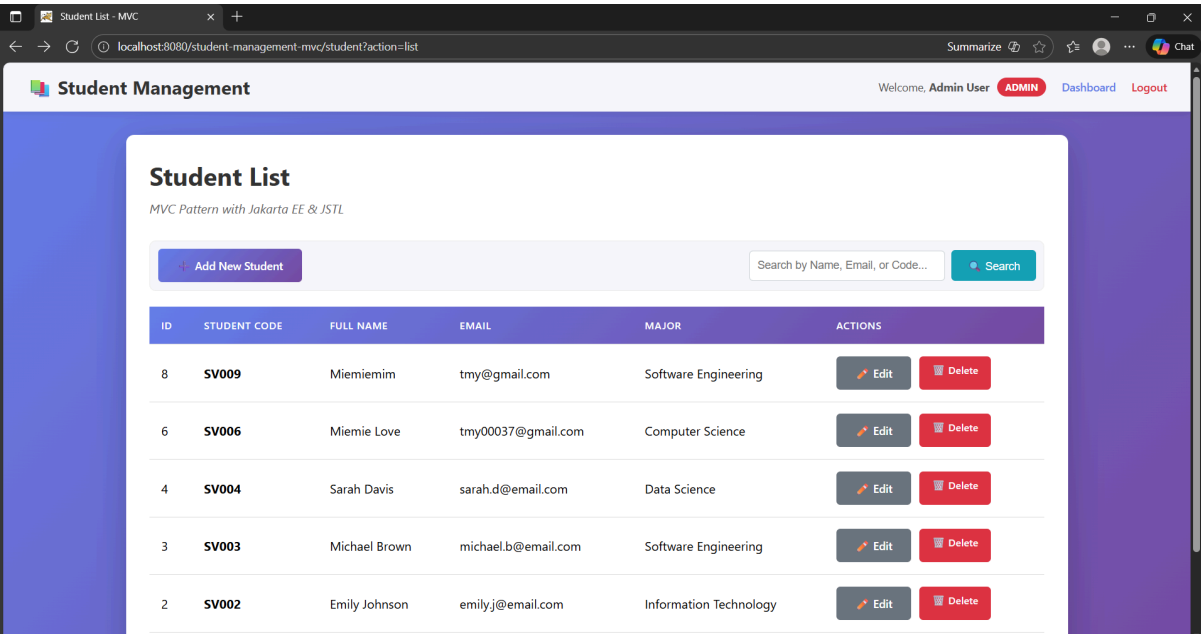
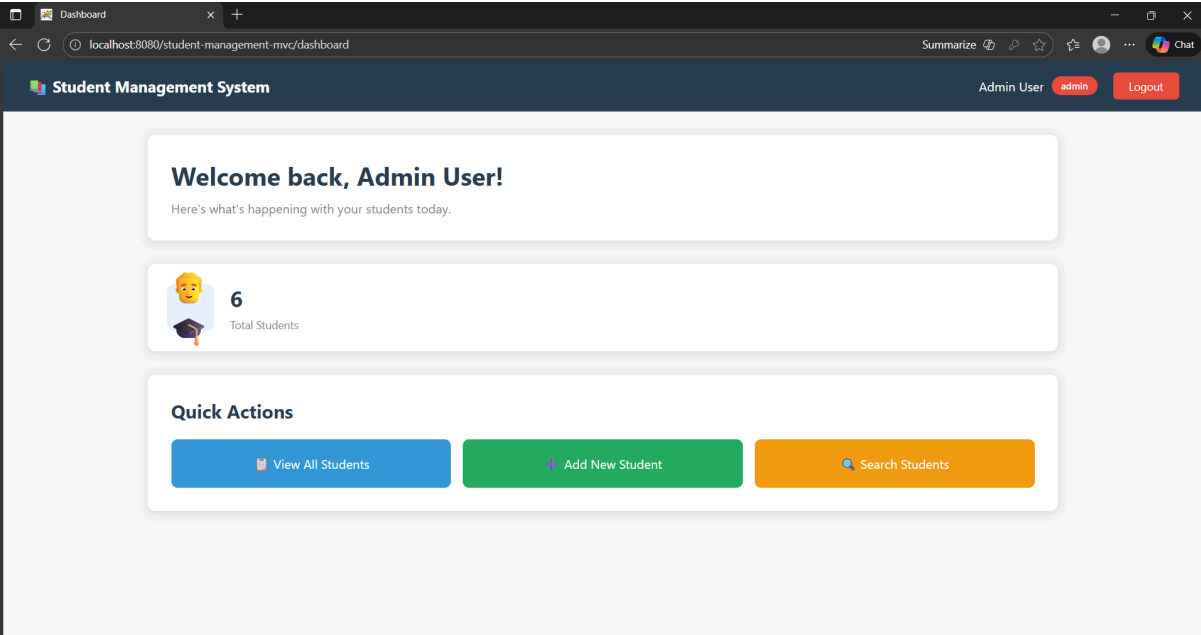


The screenshot shows a web browser window with the URL 'localhost:8080/student-management-mvc/login'. The page has a purple gradient background and a white login form. The form includes fields for 'Username' and 'Password', a 'Remember me' checkbox, and a 'Login' button. Below the form, there are 'Demo Credentials' listed: Admin (username: admin / password: password123) and User (username: john / password: password123).



## I. Test Login Flow:





Student List - MVC

localhost:8080/student-management-mvc/student?action=list&message=Student%20deleted%20successfully

Summarize

Chat

Student Management

Welcome, Admin UserADMINDashboardLogout

Student List

MVC Pattern with Jakarta EE & JSTL

Student deleted successfully

Add New Student

Search by Name, Email, or Code...Search

ID	STUDENT CODE	FULL NAME	EMAIL	MAJOR	ACTIONS
4	SV004	Sarah Davis	sarah.d@email.com	Data Science	<div>EditDelete</div>
3	SV003	Michael Brown	michael.b@email.com	Software Engineering	<div>EditDelete</div>
2	SV002	Emily Johnson	emily.j@email.com	Information Technology	<div>EditDelete</div>
1	SV001	John Smith	john.smith@email.com	Computer Science	<div>EditDelete</div>

Edit Student

localhost:8080/student-management-mvc/student?action=edit&id=4

Summarize

Chat

Edit Student

Student Code \*

SV004

Format: 2 letters + 3+ digits

Full Name \*

Sarah Davis

Email \*

sarah.d@email.com

Major \*

-- Select Major --

Update Student

Cancel