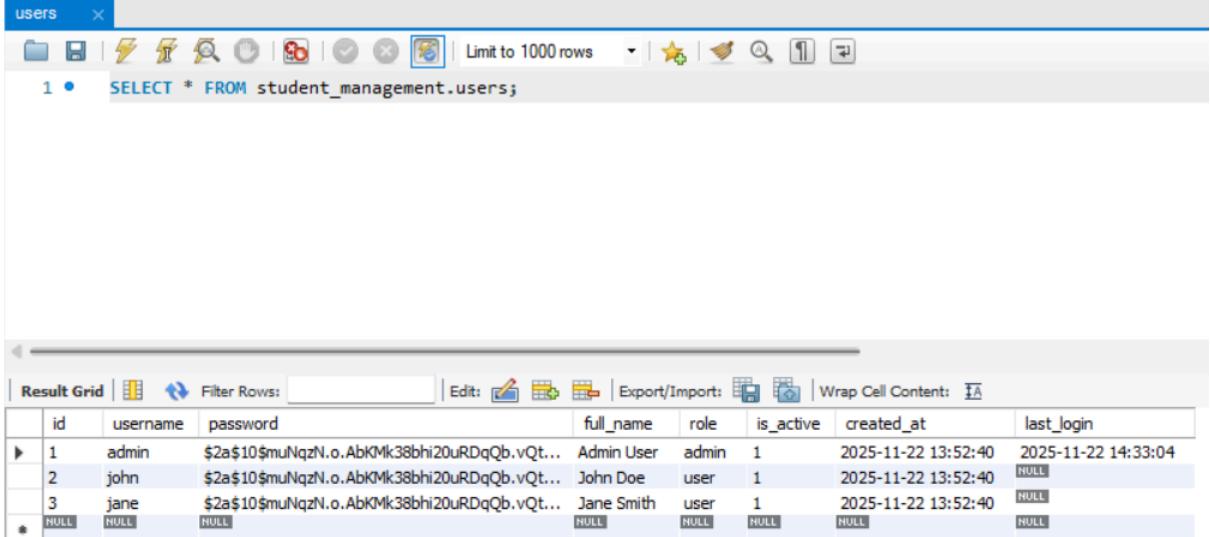


Trần Thị Kiều My - ITCSIU23026
Lab #6
AUTHENTICATION & SESSION MANAGEMENT

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



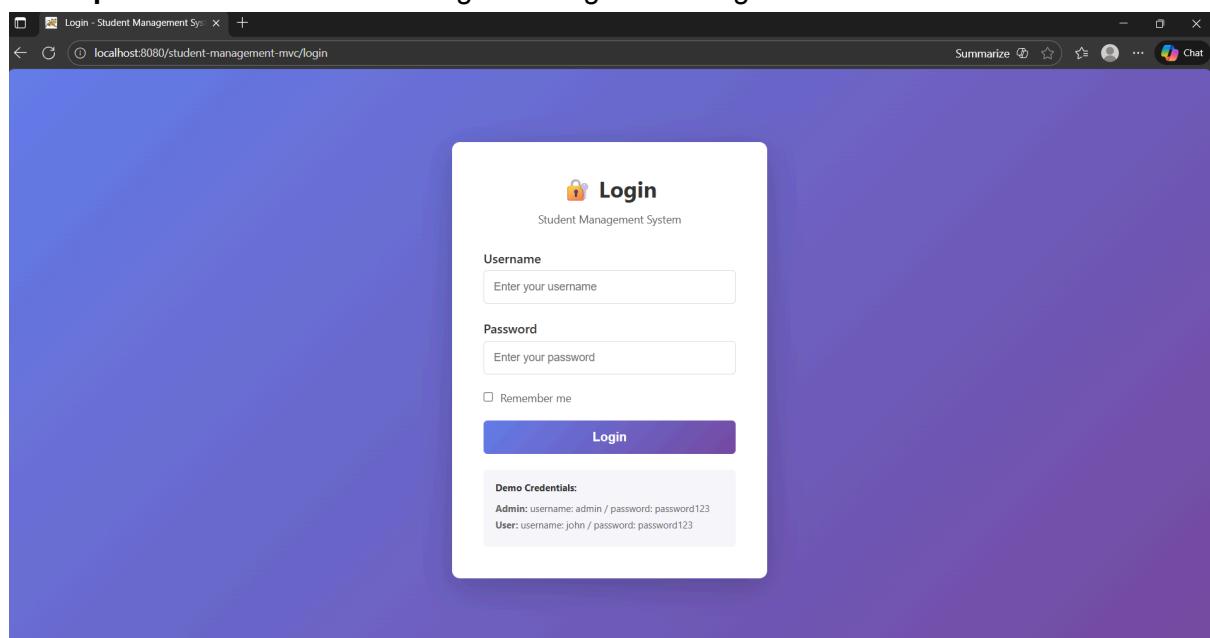
The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query editor contains the SQL command: `SELECT * FROM student_management.users;`. The result grid displays the following data:

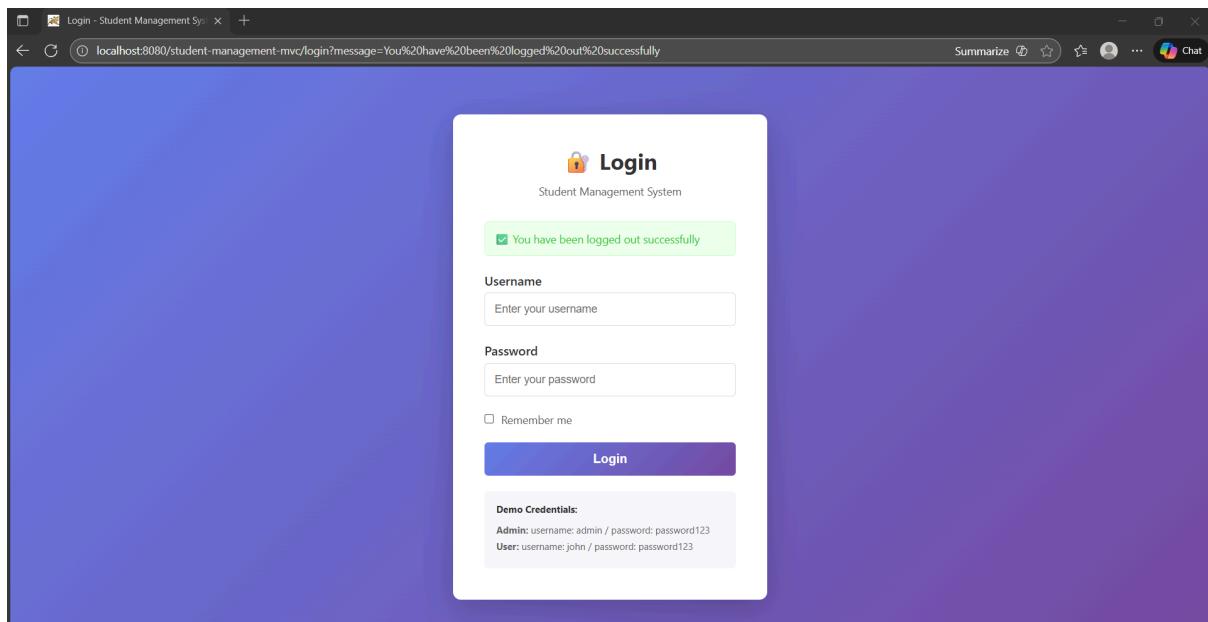
	id	username	password	full_name	role	is_active	created_at	last_login
▶	1	admin	\$2a\$10\$muNqzN.o.AbKMk38bhi20uRDqQb.vQt...	Admin User	admin	1	2025-11-22 13:52:40	2025-11-22 14:33:04
	2	john	\$2a\$10\$muNqzN.o.AbKMk38bhi20uRDqQb.vQt...	John Doe	user	1	2025-11-22 13:52:40	NULL
*	3	jane	\$2a\$10\$muNqzN.o.AbKMk38bhi20uRDqQb.vQt...	Jane Smith	user	1	2025-11-22 13:52:40	NULL
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Checkpoint #2: Show instructor UserDao authentication working.

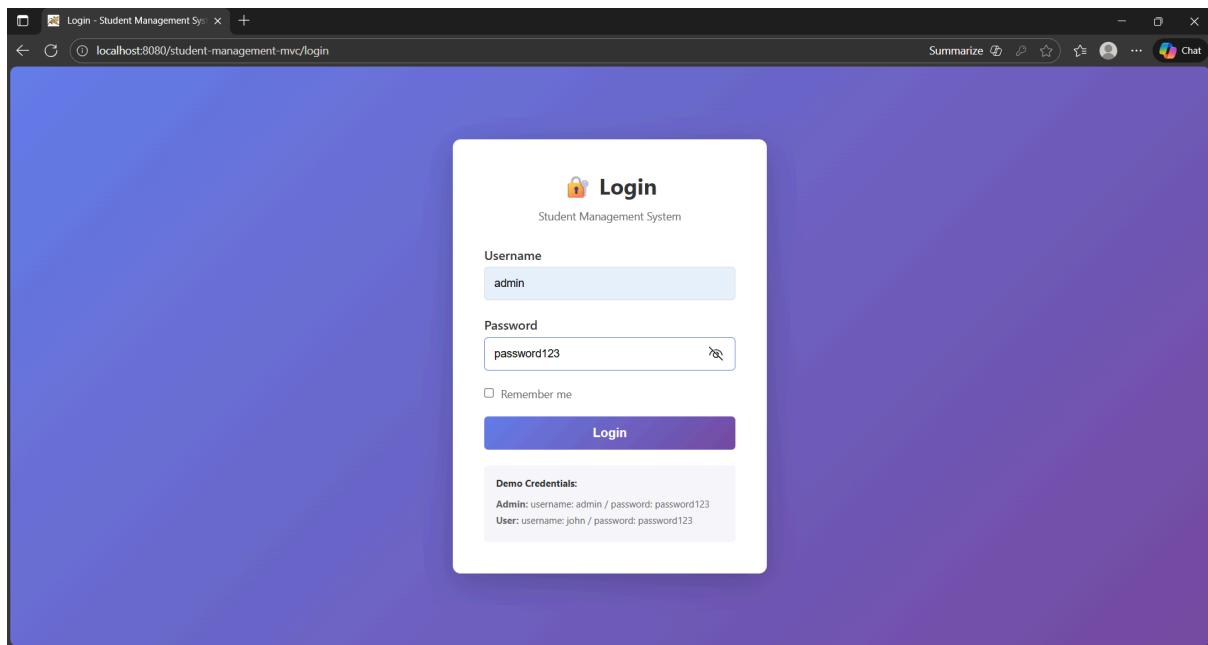
```
Authentication successful!
User{id=1, username='admin', fullName='Admin User', role='admin', isActive=true}
Invalid auth: Correctly rejected
-----
BUILD SUCCESS
```

Checkpoint #3: Show instructor login and logout working.





I. Test Login Flow:



Dashboard localhost:8080/student-management-mvc/dashboard

Summarize Chat Admin User admin Logout

Welcome back, Admin User!

Here's what's happening with your students today.

6 Total Students

Quick Actions

[View All Students](#) [Add New Student](#) [Search Students](#)

Student List - MVC localhost:8080/student-management-mvc/student?action=list

Welcome, Admin User ADMIN Dashboard Logout

Student List

MVC Pattern with Jakarta EE & JSTL

Add New Student Search by Name, Email, or Code... Search

ID	STUDENT CODE	FULL NAME	EMAIL	MAJOR	ACTIONS
8	SV009	Miemiemim	tmy@gmail.com	Software Engineering	Edit Delete
6	SV006	Miemie Love	tmy00037@gmail.com	Computer Science	Edit Delete
4	SV004	Sarah Davis	sarah.d@email.com	Data Science	Edit Delete
3	SV003	Michael Brown	michael.b@email.com	Software Engineering	Edit Delete
2	SV002	Emily Johnson	emily.j@email.com	Information Technology	Edit Delete

Student List - MVC

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

Welcome, Admin User ADMIN Dashboard Logout

Student Management

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	<button>Edit</button> <button>Delete</button>
3	SV003	Michael Brown	michael.b@email.com	Software Engineering	<button>Edit</button> <button>Delete</button>
2	SV002	Emily Johnson	emily.j@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
1	SV001	John Smith	john.smith@email.com	Computer Science	<button>Edit</button> <button>Delete</button>

Edit Student

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

Summarize ⚡ ⚡ ... Chat

Edit Student

Student Code *

Format: 2 letters + 3+ digits

Full Name *

Email *

Major *