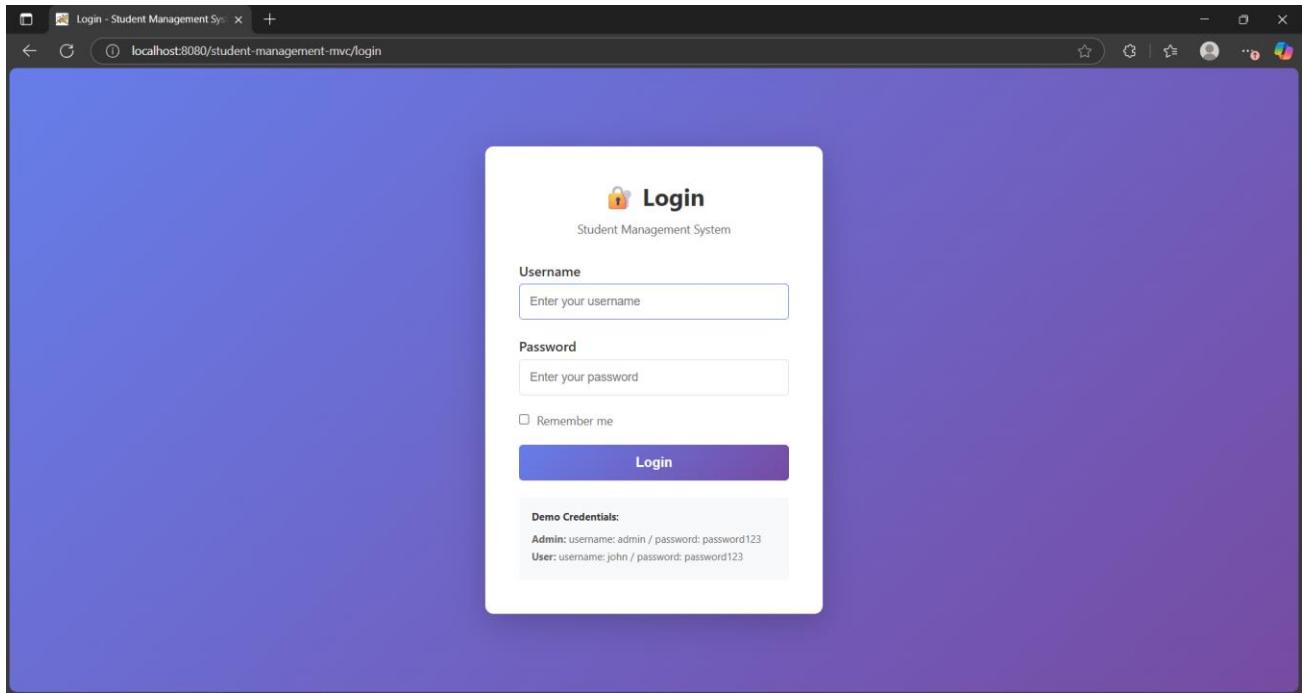


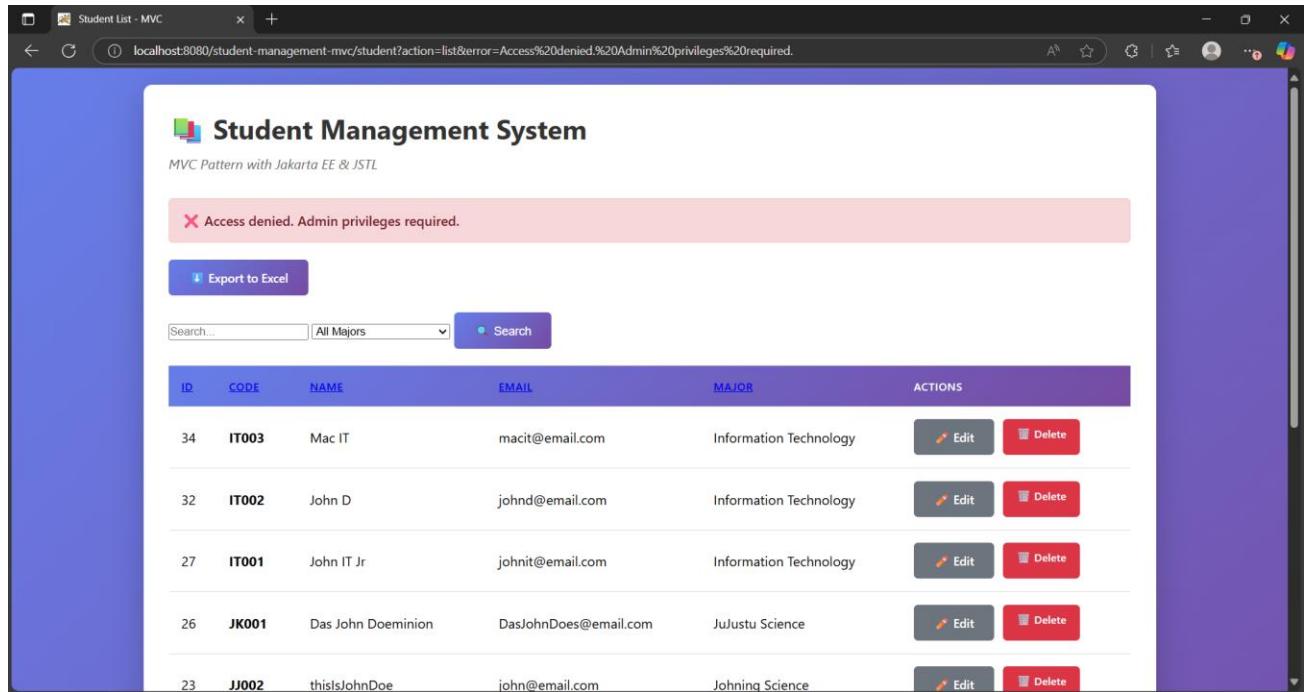
Web Application Development Lab 06
AUTHENTICATION & SESSION MANAGEMENT
Part B - HOMEWORK

I. AUTHENTICATION FILTER



Unauthorized login redirects to login page

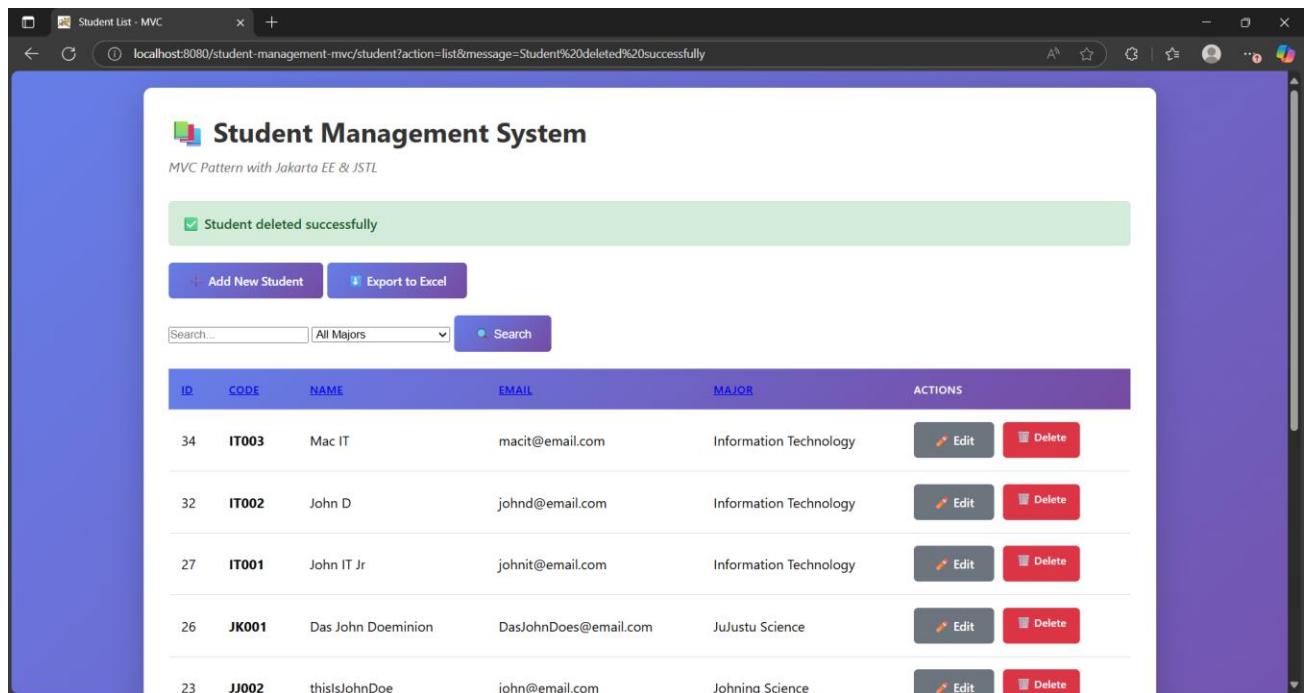
II. ADMIN AUTHORIZATION FILTER



The screenshot shows a web browser window titled "Student List - MVC". The URL is "localhost:8080/student-management-mvc/student?action=list&error=Access%20denied.%20Admin%20privileges%20required.". The main content area displays a message: "Access denied. Admin privileges required." Below this message is a blue button labeled "Export to Excel". There is a search bar with a dropdown menu set to "All Majors" and a "Search" button. A table lists student data with columns: ID, CODE, NAME, EMAIL, MAJOR, and ACTIONS. The table contains five rows of data.

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
34	IT003	Mac IT	macit@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
32	IT002	John D	johnd@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
27	IT001	John IT Jr	johnit@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
26	JK001	Das John Doeminion	DasJohnDoes@email.com	JuJustu Science	<button>Edit</button> <button>Delete</button>
23	JJ002	thisIsJohnDoe	john@email.com	Johning Science	<button>Edit</button> <button>Delete</button>

Non-admin blocked functionality

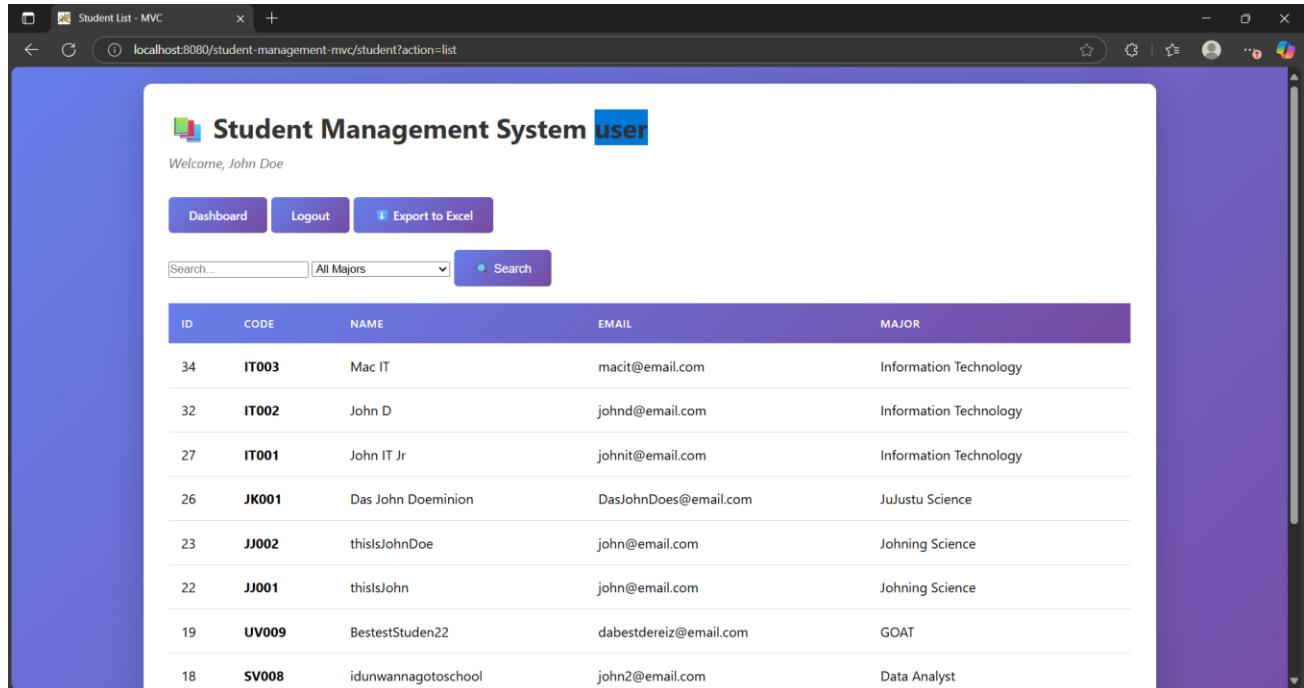


The screenshot shows a web browser window titled "Student List - MVC". The URL is "localhost:8080/student-management-mvc/student?action=list&message=Student%20deleted%20successfully". The main content area displays a green message bar: "Student deleted successfully". Below this message is a blue button labeled "Add New Student" and a blue button labeled "Export to Excel". There is a search bar with a dropdown menu set to "All Majors" and a "Search" button. A table lists student data with columns: ID, CODE, NAME, EMAIL, MAJOR, and ACTIONS. The table contains five rows of data.

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
34	IT003	Mac IT	macit@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
32	IT002	John D	johnd@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
27	IT001	John IT Jr	johnit@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
26	JK001	Das John Doeminion	DasJohnDoes@email.com	JuJustu Science	<button>Edit</button> <button>Delete</button>
23	JJ002	thisIsJohnDoe	john@email.com	Johning Science	<button>Edit</button> <button>Delete</button>

Admin delete successfully

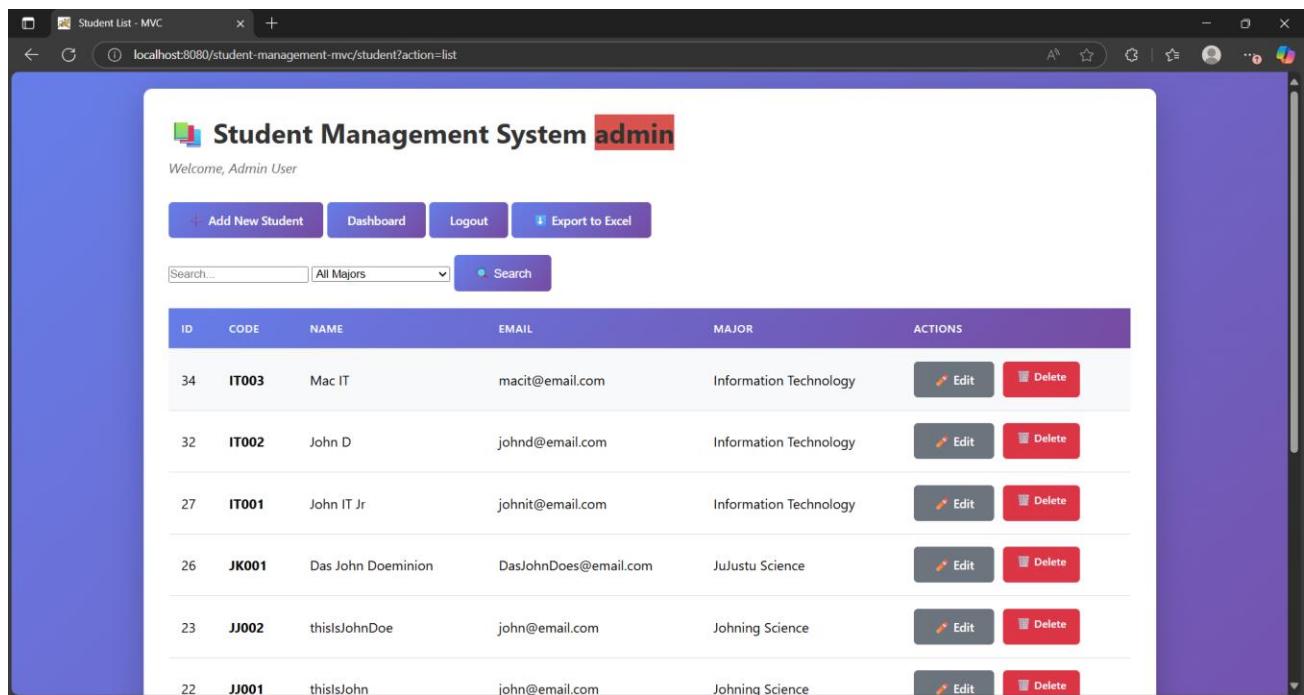
III. ROLE-BASED UI



The screenshot shows the 'Student Management System user' interface. At the top, there is a header with the title 'Student Management System user' and a welcome message 'Welcome, John Doe'. Below the header are three buttons: 'Dashboard', 'Logout', and 'Export to Excel'. There is also a search bar with a dropdown menu set to 'All Majors' and a 'Search' button.

ID	CODE	NAME	EMAIL	MAJOR
34	IT003	Mac IT	macit@email.com	Information Technology
32	IT002	John D	johnd@email.com	Information Technology
27	IT001	John IT Jr	johnit@email.com	Information Technology
26	JK001	Das John Doeminion	DasJohnDoes@email.com	JuJustu Science
23	JJ002	thisisJohnDoe	john@email.com	Johnning Science
22	JJ001	thisisJohn	john@email.com	Johnning Science
19	UV009	BestestStuden22	dabestdereiz@email.com	GOAT
18	SV008	idunwannagotoschool	john2@email.com	Data Analyst

User view

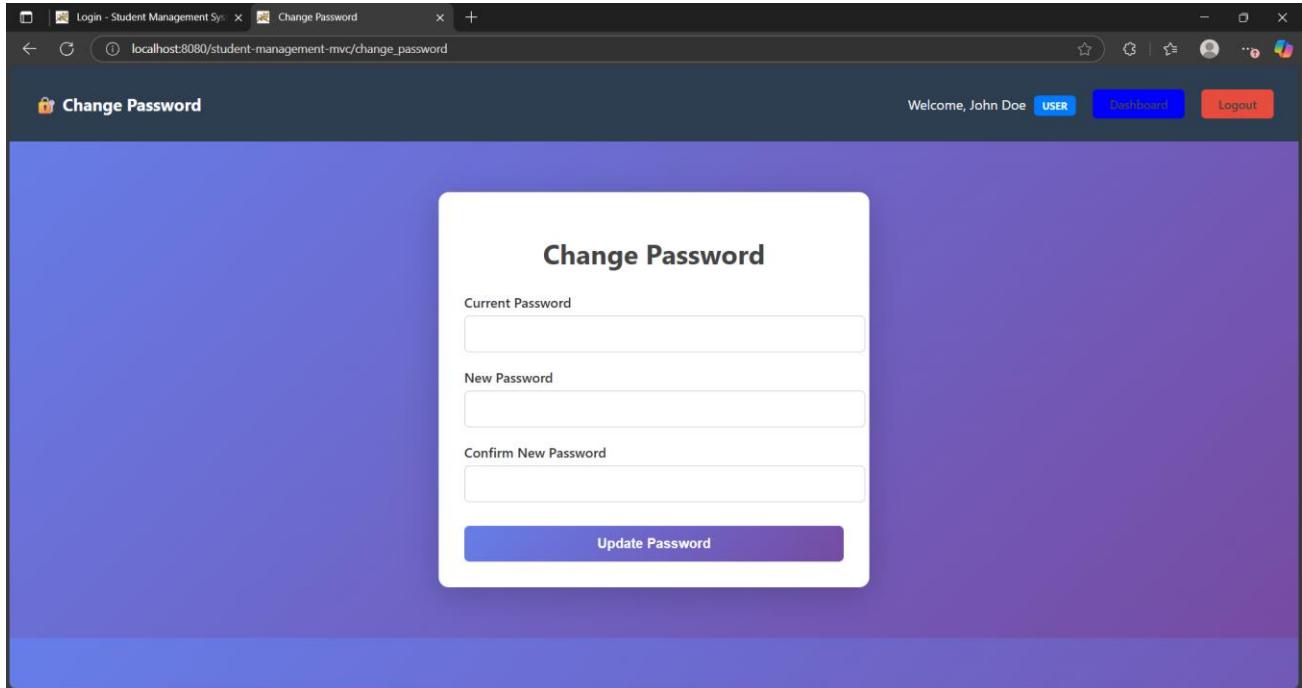


The screenshot shows the 'Student Management System admin' interface. At the top, there is a header with the title 'Student Management System admin' and a welcome message 'Welcome, Admin User'. Below the header are four buttons: 'Add New Student', 'Dashboard', 'Logout', and 'Export to Excel'. There is also a search bar with a dropdown menu set to 'All Majors' and a 'Search' button.

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
34	IT003	Mac IT	macit@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
32	IT002	John D	johnd@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
27	IT001	John IT Jr	johnit@email.com	Information Technology	<button>Edit</button> <button>Delete</button>
26	JK001	Das John Doeminion	DasJohnDoes@email.com	JuJustu Science	<button>Edit</button> <button>Delete</button>
23	JJ002	thisisJohnDoe	john@email.com	Johnning Science	<button>Edit</button> <button>Delete</button>
22	JJ001	thisisJohn	john@email.com	Johnning Science	<button>Edit</button> <button>Delete</button>

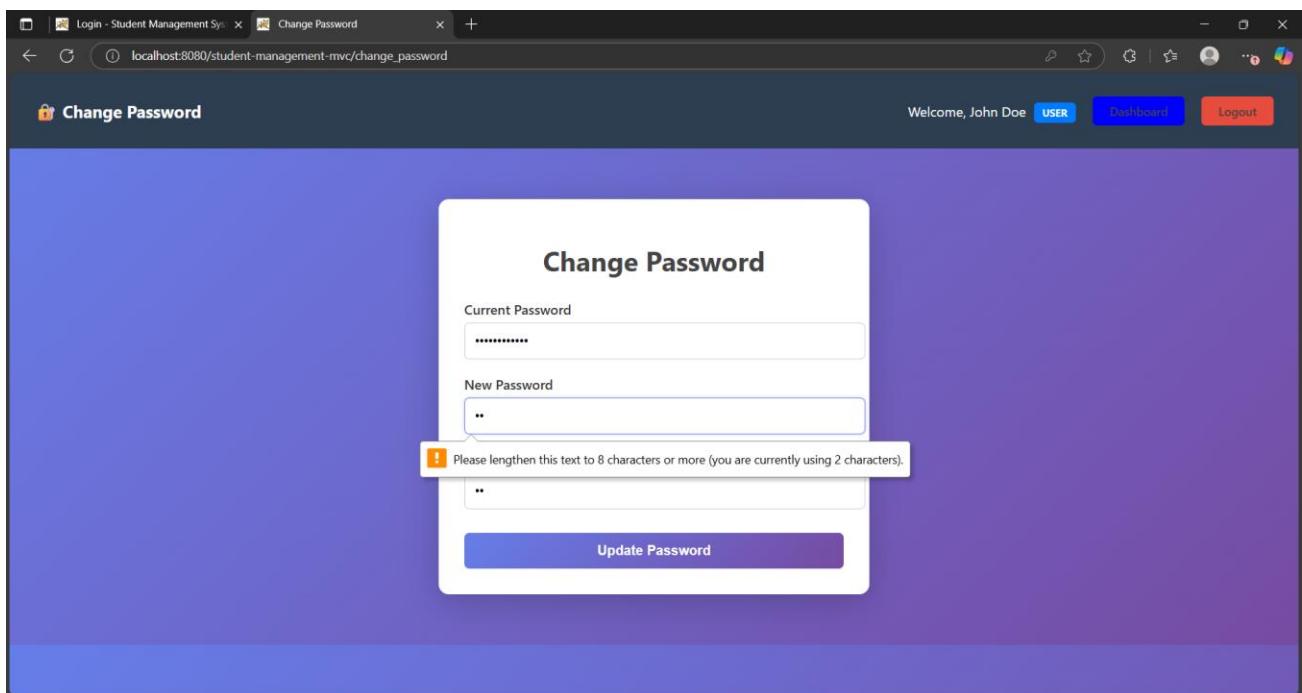
Admin view

IV. CHANGE PASSWORD



A screenshot of a web browser window titled "Change Password". The URL in the address bar is "localhost:8080/student-management-mvc/change_password". The page header includes "Welcome, John Doe" and "USER" (highlighted in blue), along with "Dashboard" and "Logout" buttons. The main content is a "Change Password" form with three input fields: "Current Password", "New Password", and "Confirm New Password", each with a corresponding text input box. Below the inputs is a blue "Update Password" button.

Change_password.jsp



A screenshot of the same "Change Password" page as above, but with validation feedback. The "New Password" field contains two dots (".."). A yellow tooltip message appears above the "Confirm New Password" field, stating: "Please lengthen this text to 8 characters or more (you are currently using 2 characters)". The rest of the form and page layout remain the same.

Form validation

Login - Student Management Sys × Change Password × + ← ↗ ⓘ localhost:8080/student-management-mvc/change_password

Welcome, John Doe USER Dashboard Logout

Change Password

Current password is incorrect.

Current Password

New Password

Confirm New Password

Update Password

Check current password

Login - Student Management Sys × Change Password × + ← ↗ ⓘ localhost:8080/student-management-mvc/change_password

Welcome, John Doe USER Dashboard Logout

Change Password

Confirm password does not match.

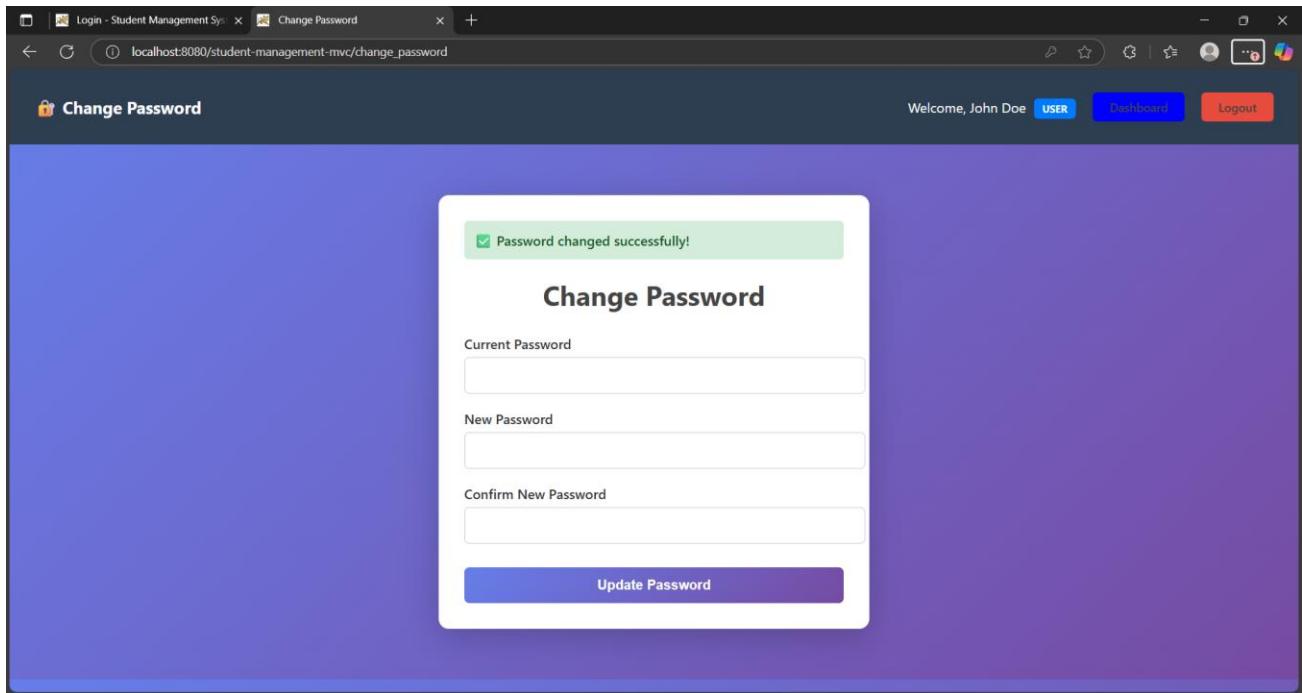
Current Password

New Password

Confirm New Password

Update Password

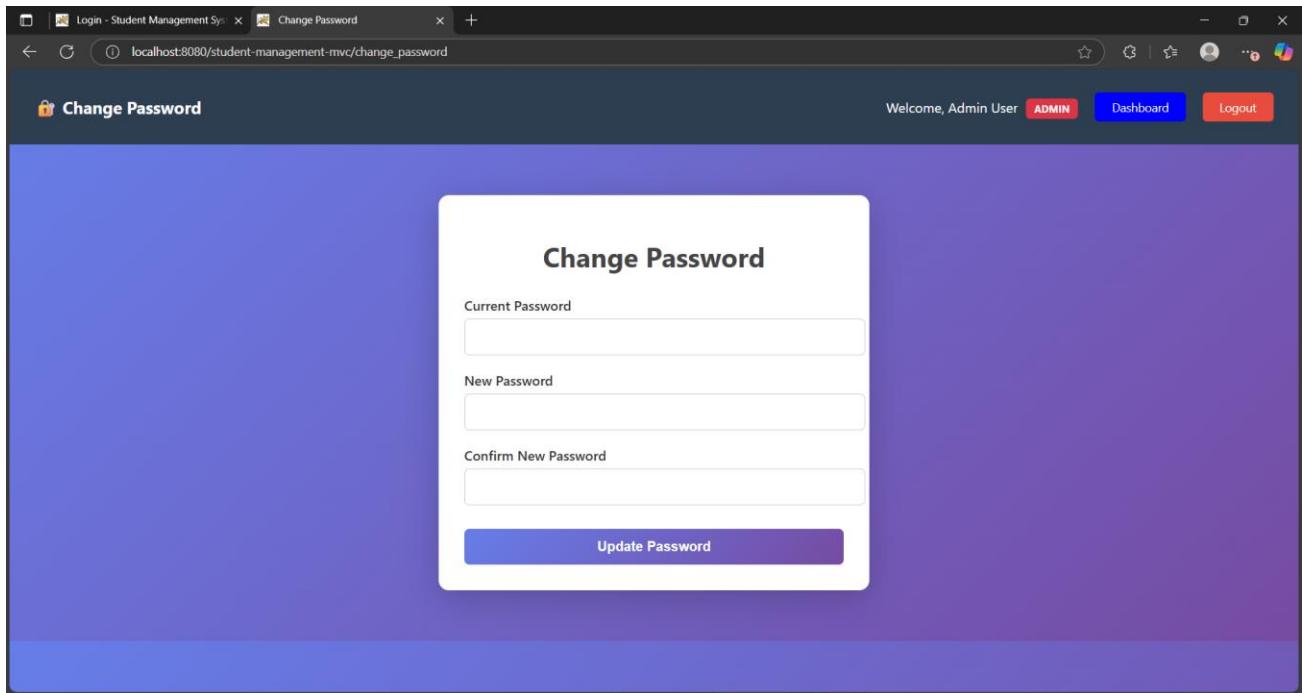
Check confirm password



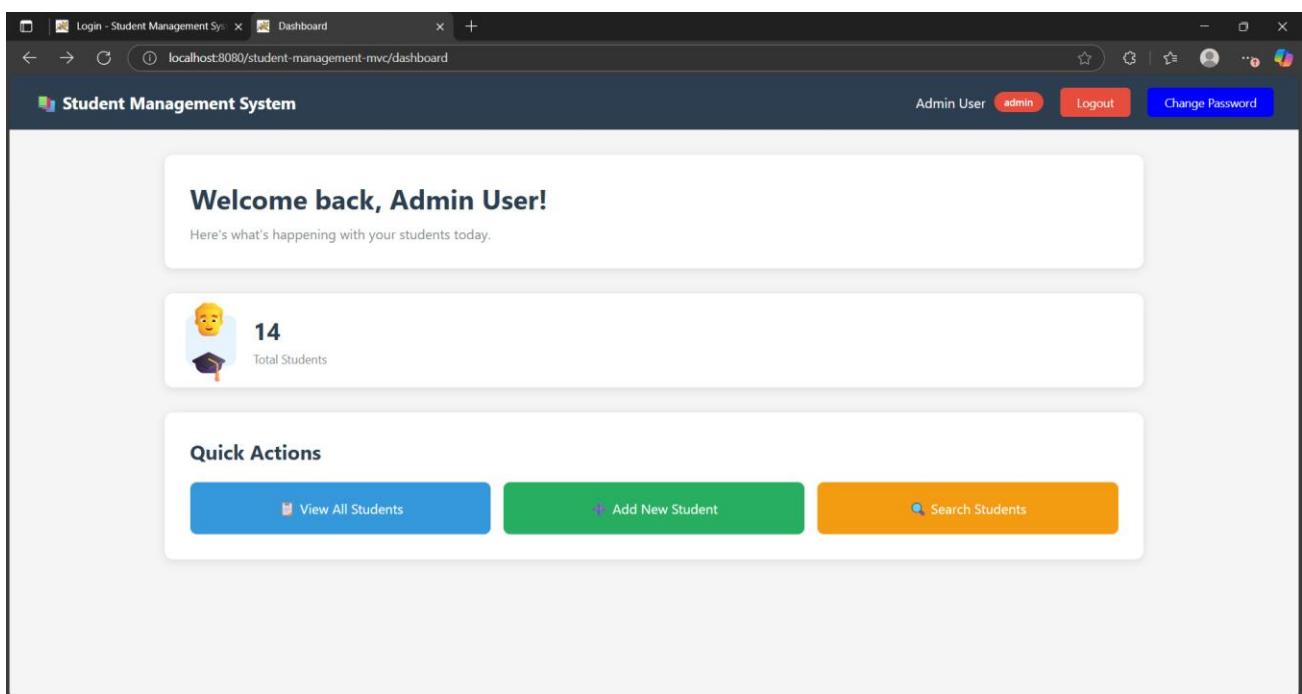
Success message accordingly

V. Some updated UI

A screenshot of a web browser window titled 'Student List - MVC'. The URL is 'localhost:8080/student-management-mvc/student?action=list&message=Student%20deleted%20successfully'. The page has a dark blue header with 'Welcome, Admin User' and 'ADMIN' buttons. Below the header is a green success message box containing a checkmark icon and the text 'Student deleted successfully!'. There are four buttons: 'Add New Student', 'Dashboard', 'Logout', and 'Export to Excel'. Below these buttons is a search bar with a dropdown menu set to 'All Majors' and a 'Search' button. The main content area is a table with columns: ID, CODE, NAME, EMAIL, MAJOR, and ACTIONS. The table contains five rows of student data. Each row has an 'Edit' button (grey with orange pen icon) and a 'Delete' button (red with white trash bin icon) in the 'Actions' column.



The screenshot shows a web browser window with a purple header bar. The title bar says "Change Password". The main content area has a white background and a purple border. It contains three input fields labeled "Current Password", "New Password", and "Confirm New Password". Below these fields is a blue button labeled "Update Password". At the top right of the content area, there are links for "Welcome, Admin User", "ADMIN", "Dashboard", and "Logout".



The screenshot shows a web browser window with a dark header bar. The title bar says "Dashboard". The main content area has a white background. At the top, it says "Welcome back, Admin User!" and "Here's what's happening with your students today.". Below this is a card showing a student icon, the number "14", and the text "Total Students". At the bottom, there is a section titled "Quick Actions" with three buttons: "View All Students" (blue), "Add New Student" (green), and "Search Students" (orange).