

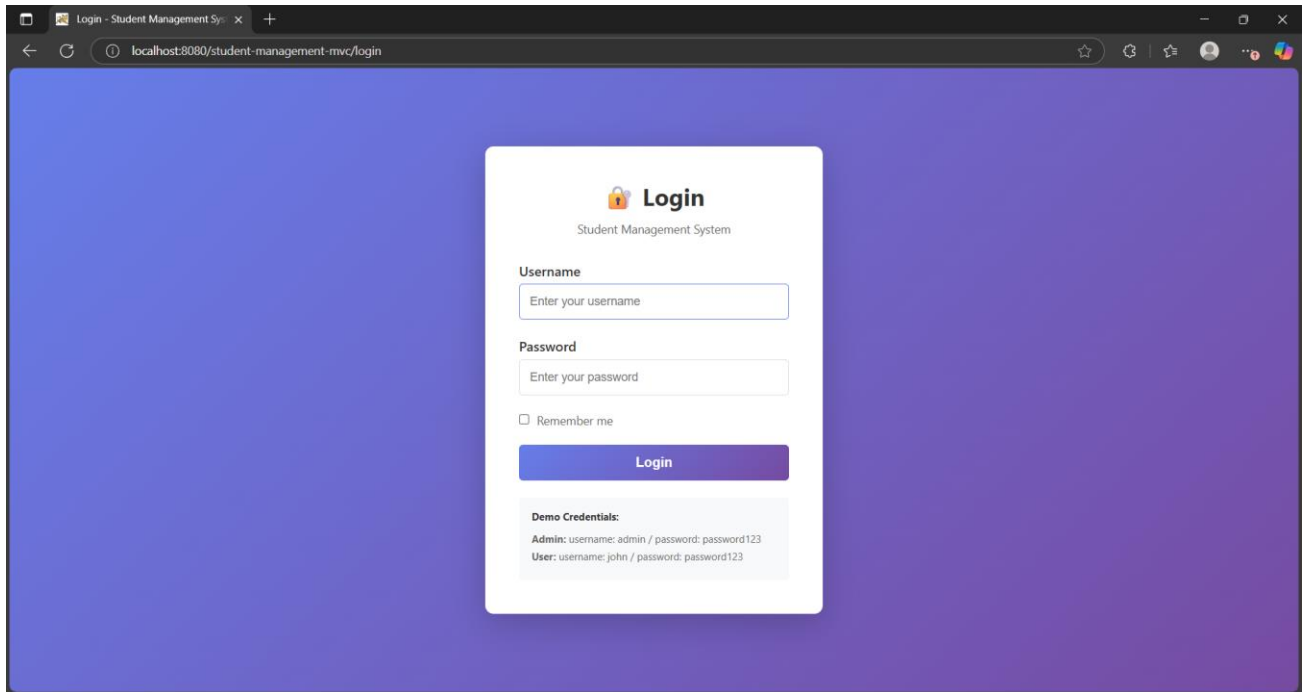
## Web Application Development Lab 06

### AUTHENTICATION & SESSION MANAGEMENT

#### Part B - HOMEWORK

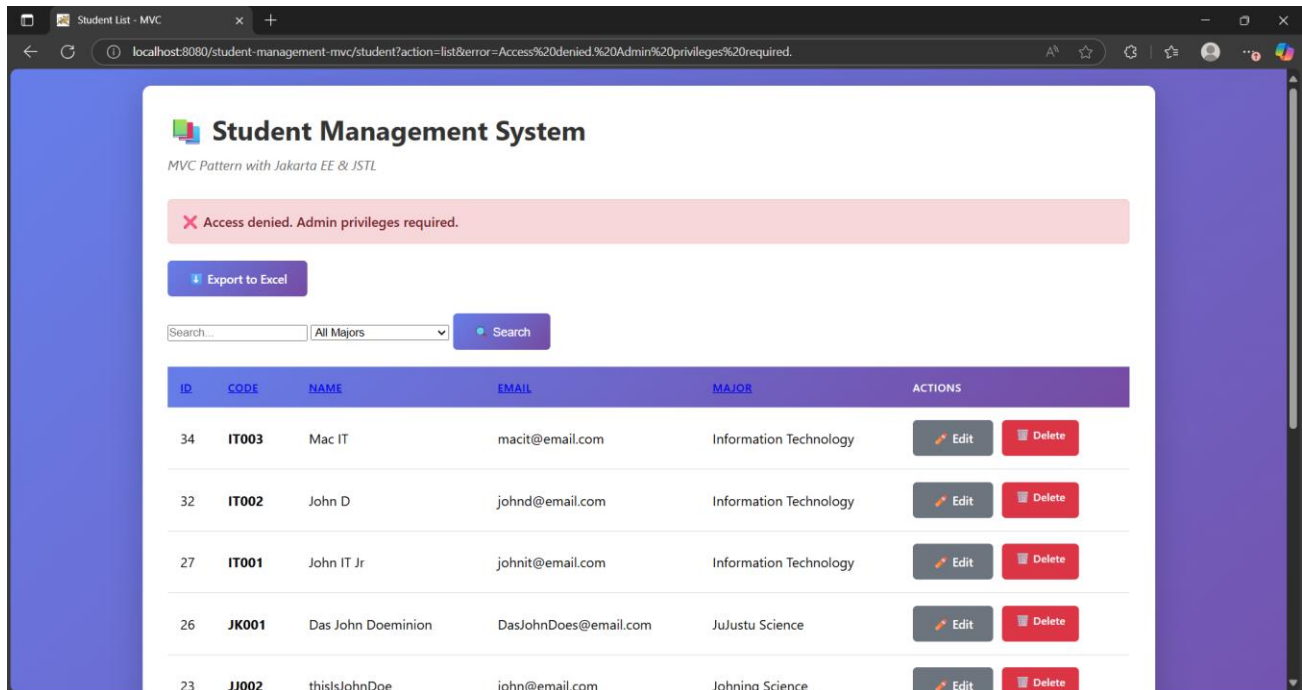
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## I. AUTHENTICATION FILTER

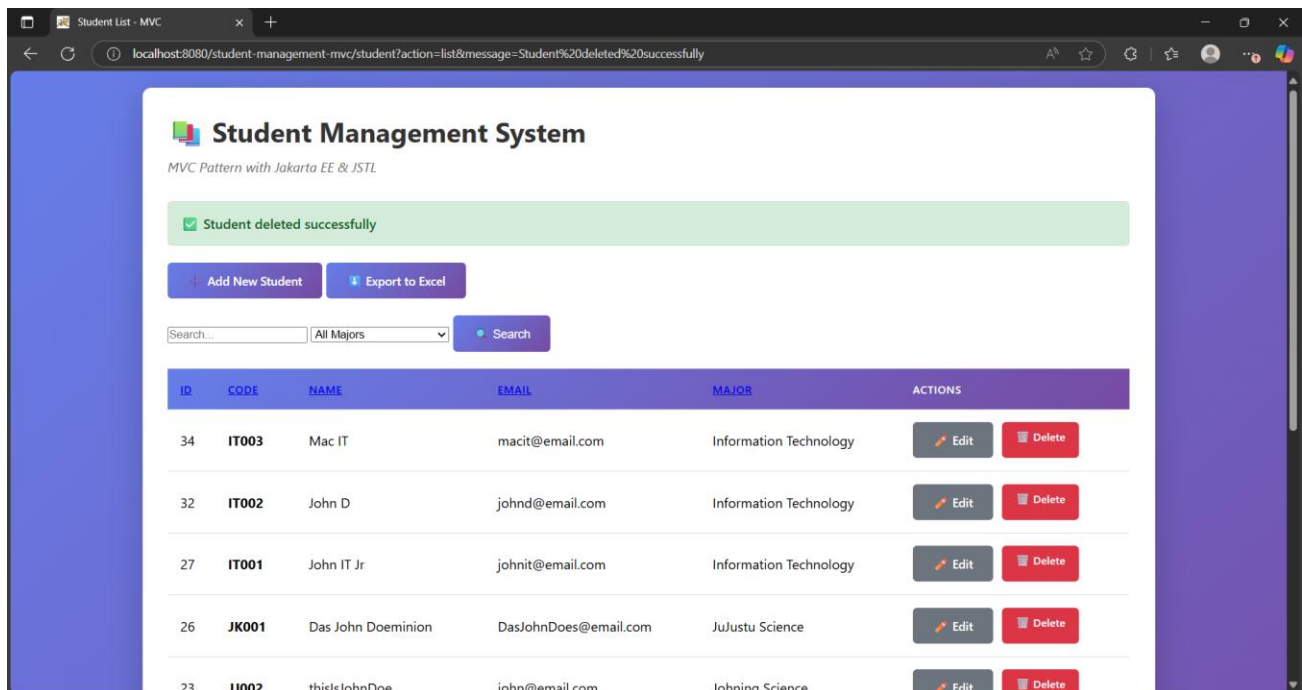


*Unauthorized login redirects to login page*

## II. ADMIN AUTHORIZATION FILTER

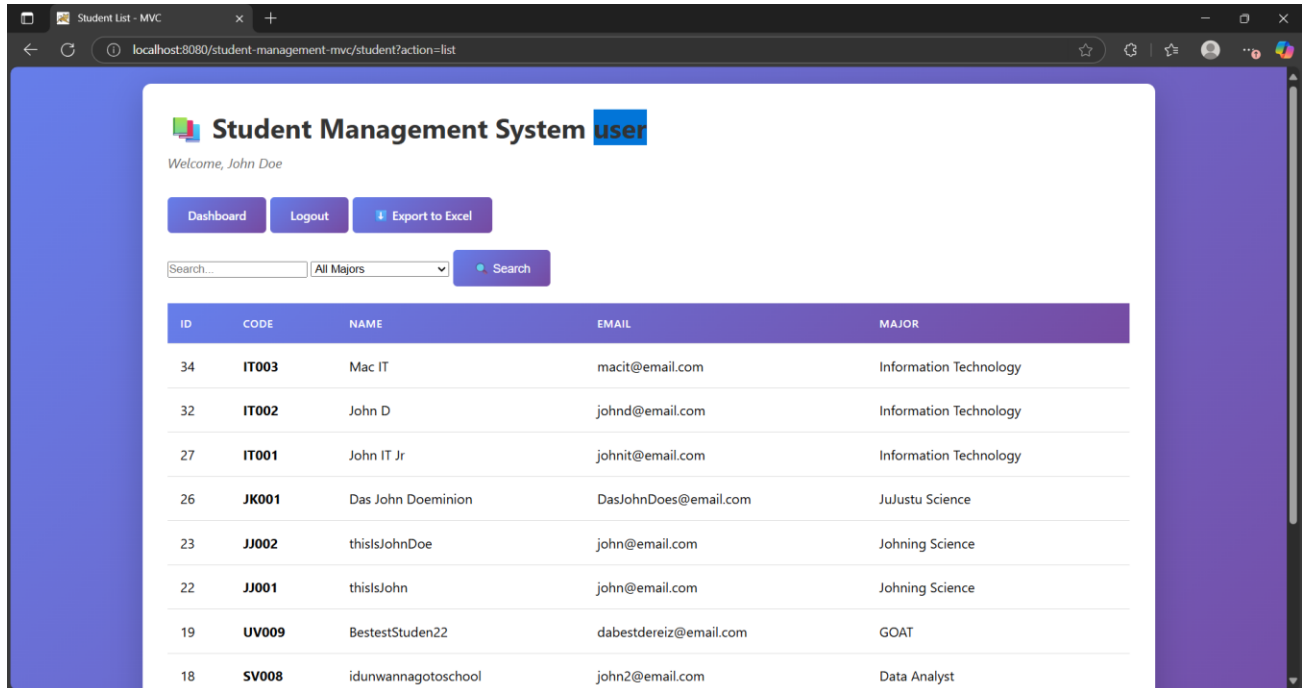


*Non-admin blocked functionality*

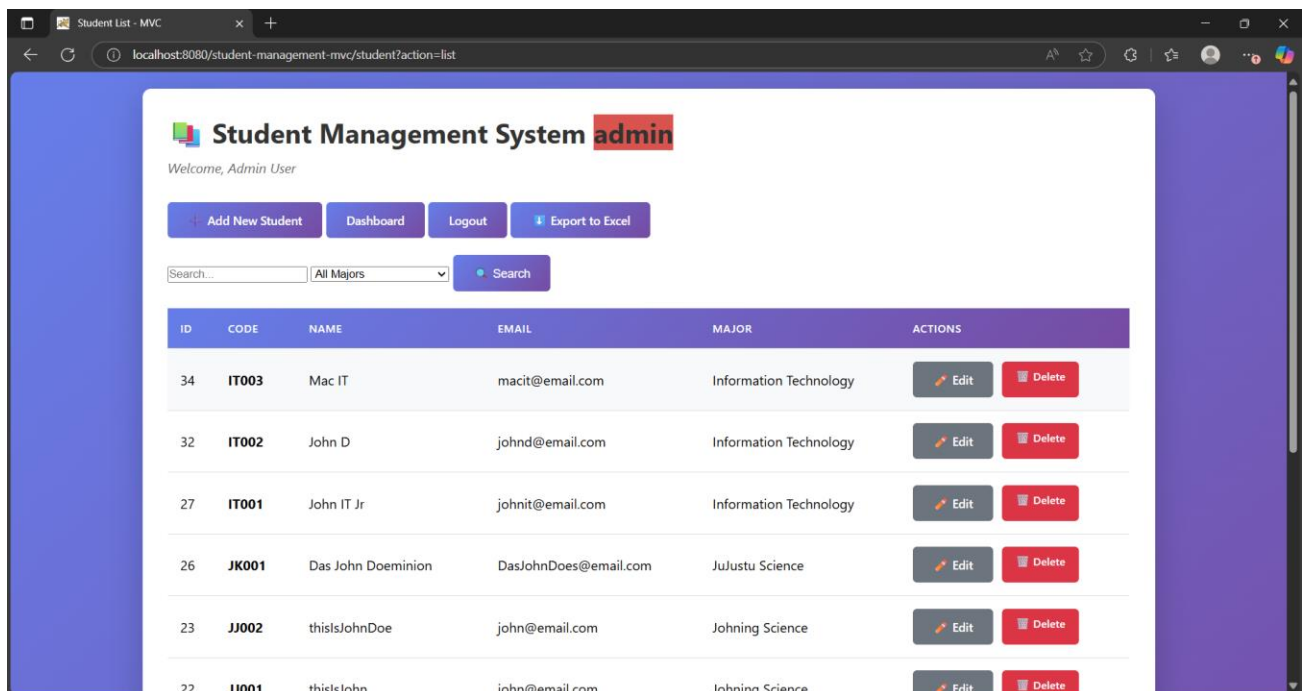


*Admin delete successfully*

### III. ROLE-BASED UI

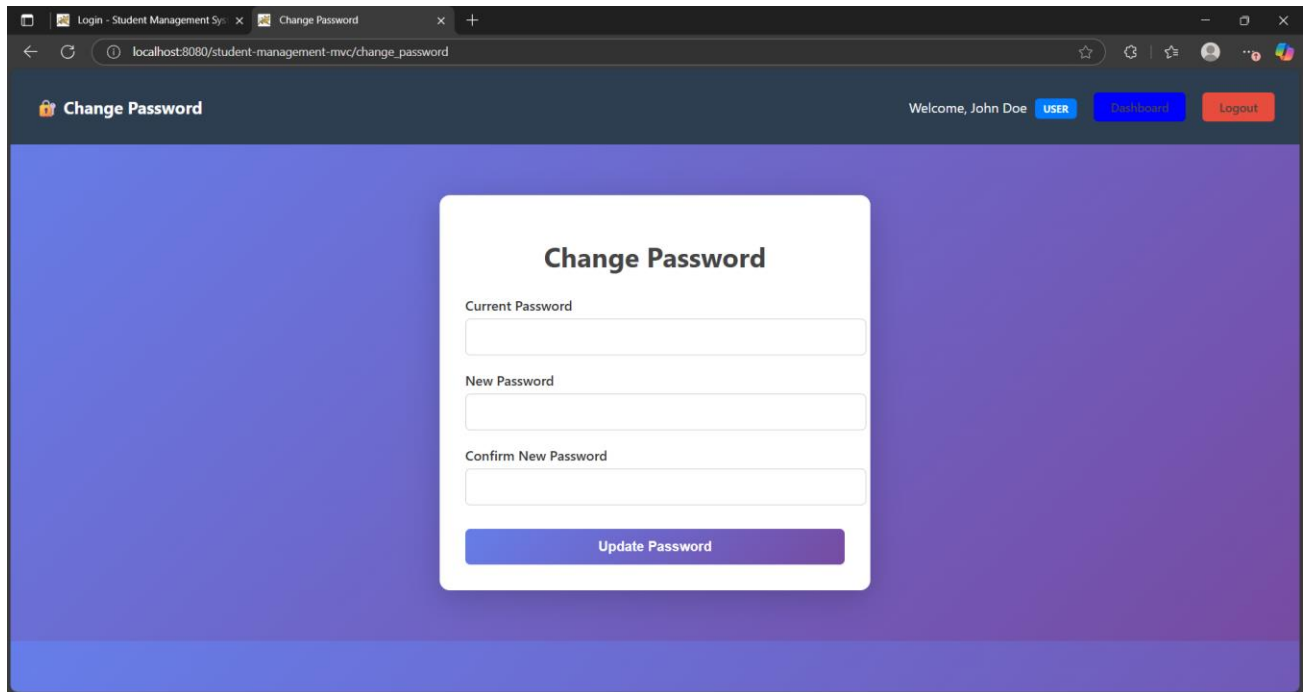


*User view*



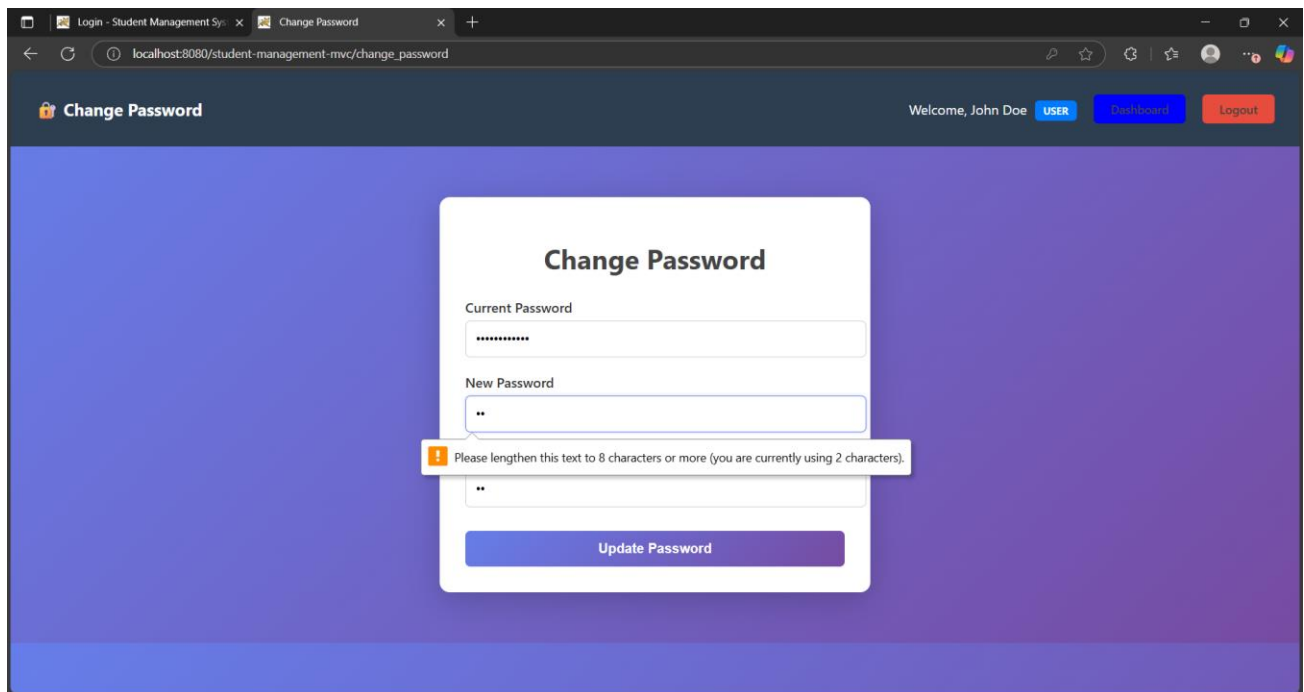
*Admin view*

#### IV. CHANGE PASSWORD



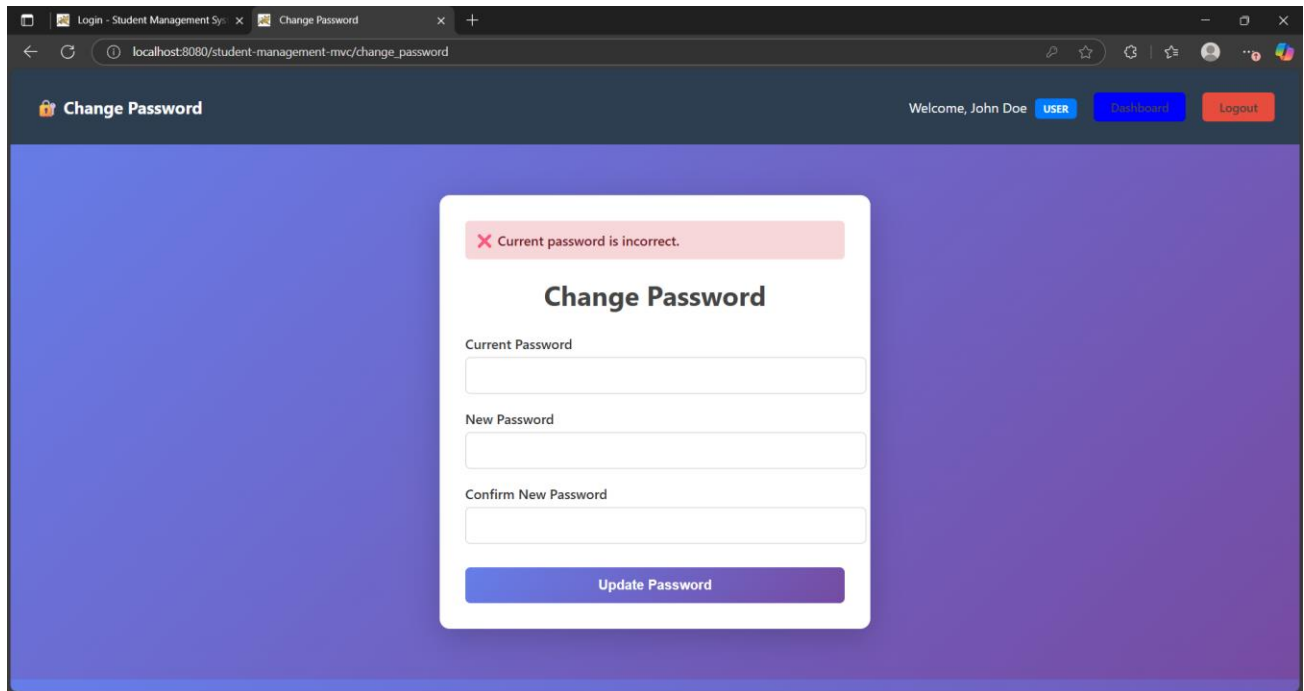
The screenshot shows a web browser window with the URL `localhost:8080/student-management-mvc/change_password`. The page has a dark blue header with the title "Change Password" and a user greeting "Welcome, John Doe" with links for "USER", "Dashboard", and "Logout". The main content area has a purple gradient background. In the center is a white card titled "Change Password" containing three input fields: "Current Password", "New Password", and "Confirm New Password". Below these fields is a blue button labeled "Update Password".

*Change\_password.jsp*



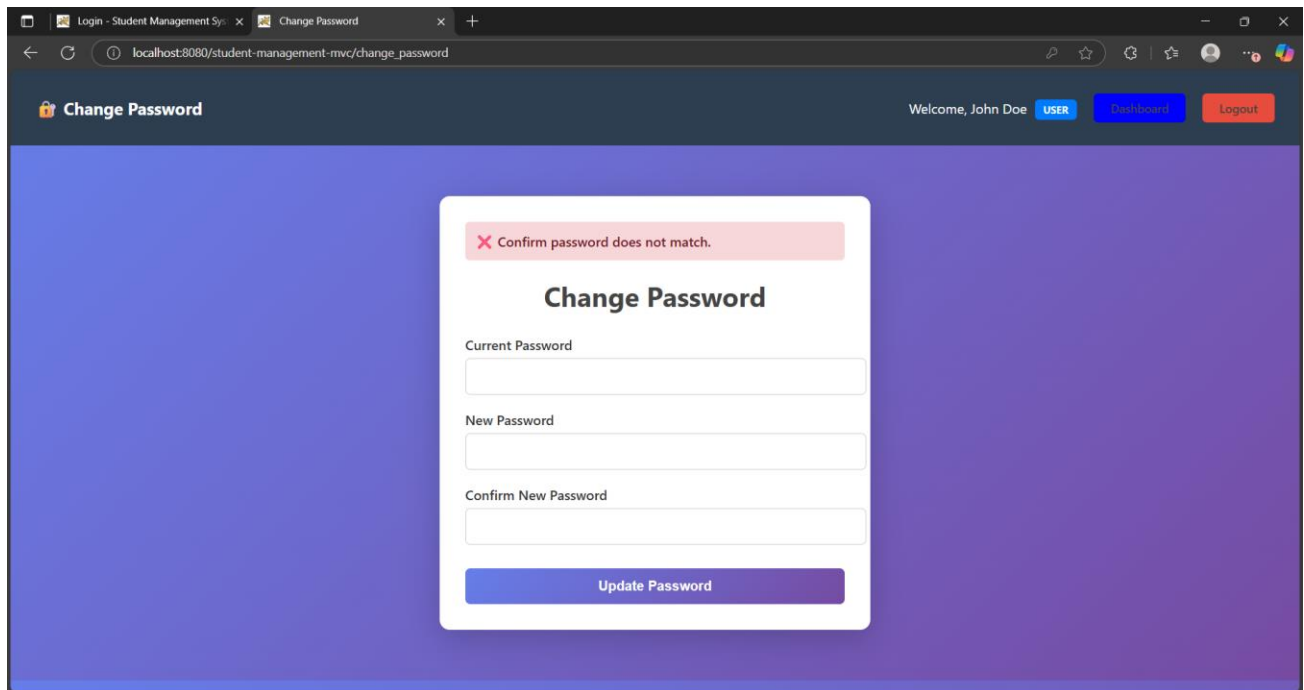
This screenshot shows the same "Change Password" form, but with validation feedback. The "New Password" field now contains two asterisks (\*\*). A yellow tooltip with an exclamation mark icon appears over the field, displaying the message: "Please lengthen this text to 8 characters or more (you are currently using 2 characters)." The "Current Password" field still shows eight asterisks (\*\*\*\*\*). The "Update Password" button remains at the bottom of the form.

*Form validation*



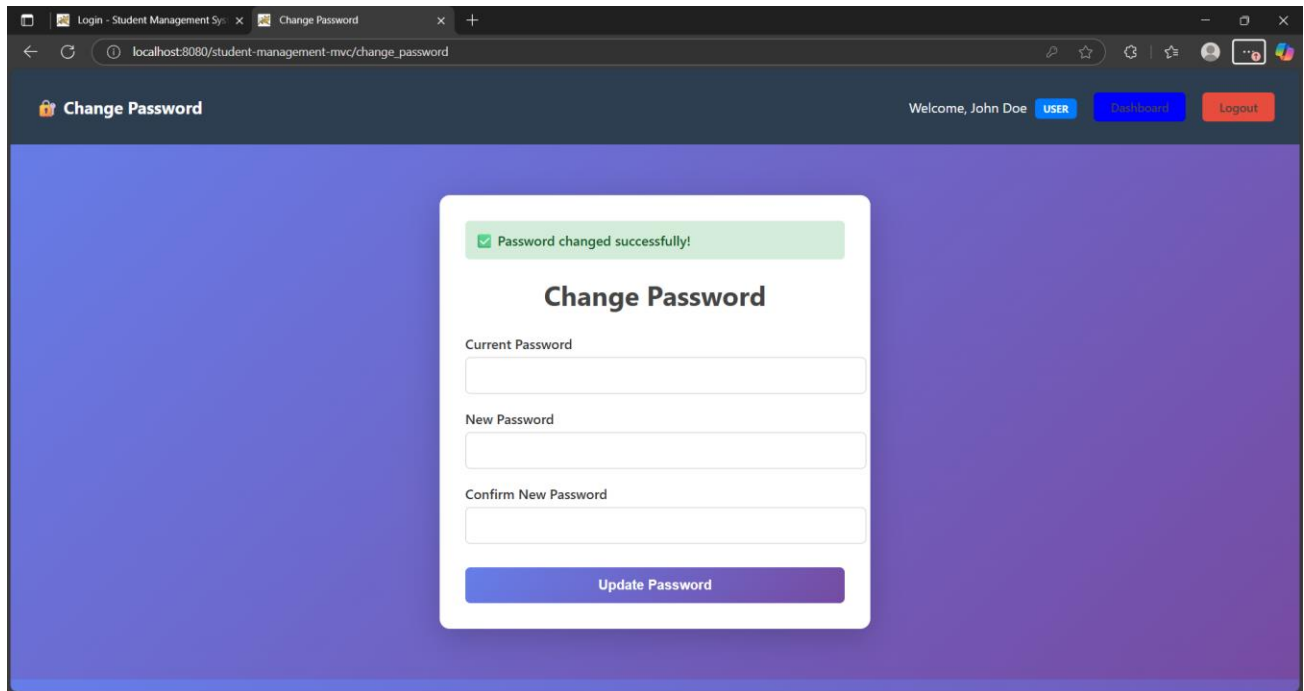
The screenshot shows a web browser window with the URL `localhost:8080/student-management-mvc/change_password`. The page title is "Change Password". In the top right corner, there is a welcome message "Welcome, John Doe" followed by three buttons: "USER" (blue), "Dashboard" (blue), and "Logout" (red). The main content area has a purple gradient background. Centered on the page is a white form titled "Change Password". At the top of the form, there is a red error message: "X Current password is incorrect." Below the title, there are three input fields labeled "Current Password", "New Password", and "Confirm New Password". At the bottom of the form is a blue button labeled "Update Password".

*Check current password*



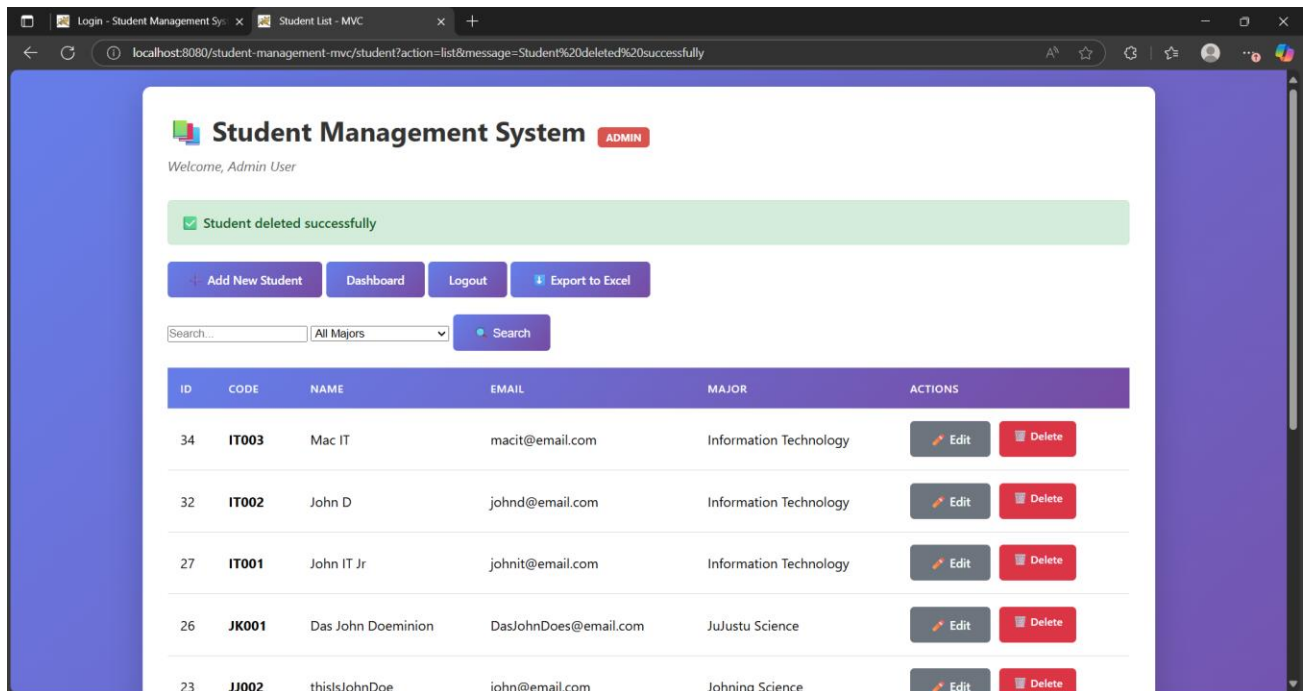
The screenshot shows the same web browser window and page layout as the previous one. However, the error message at the top of the form now reads: "X Confirm password does not match." The input fields and the "Update Password" button remain the same.

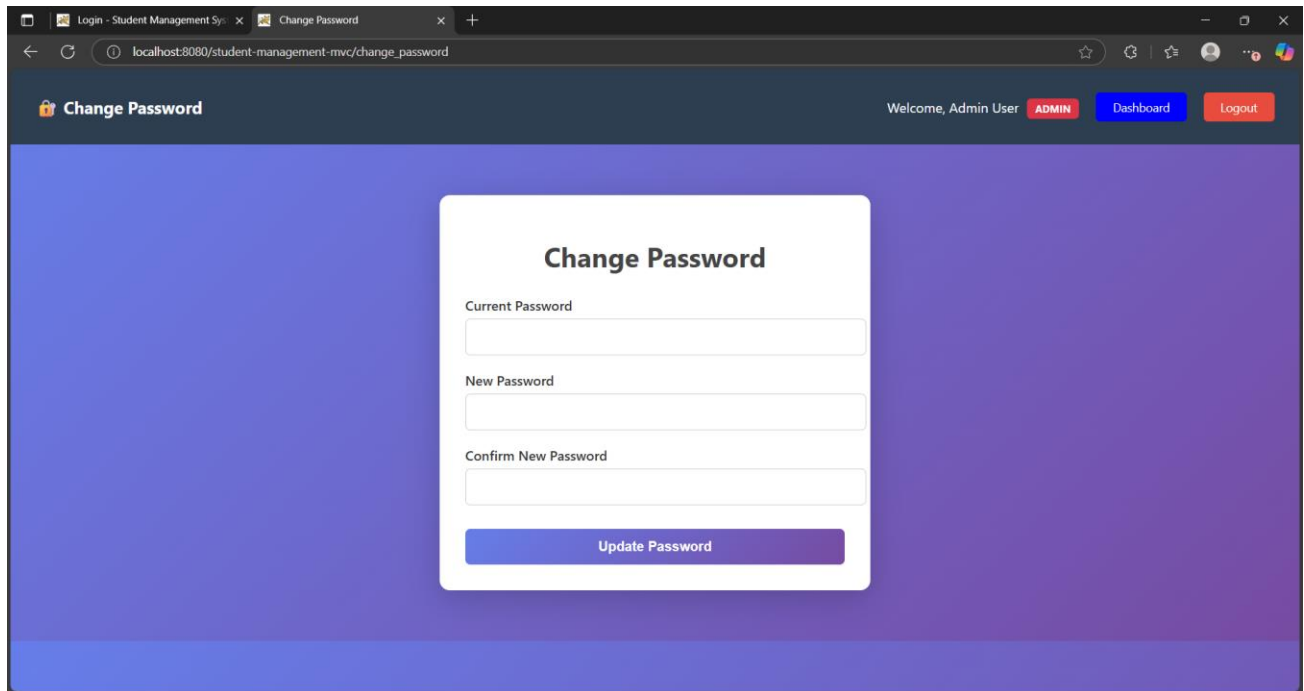
*Check confirm password*



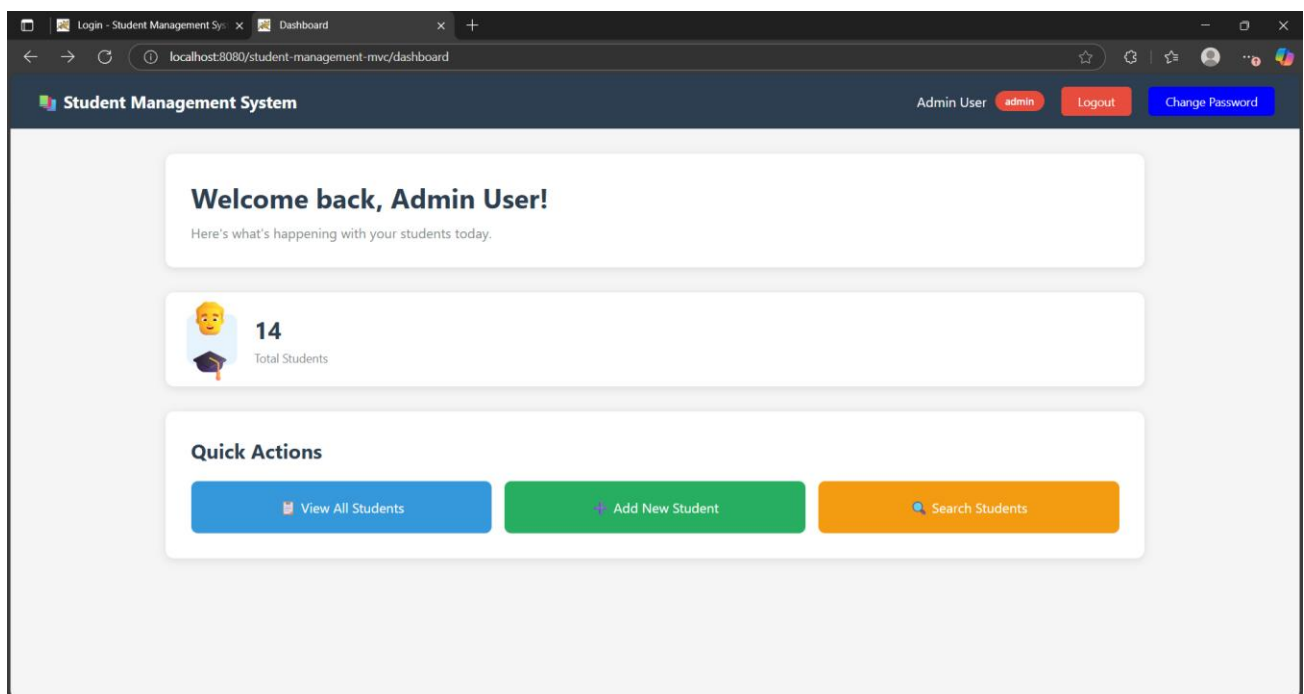
*Success message accordingly*

## V. Some updated UI





The screenshot shows a web browser window with two tabs: "Login - Student Management Sys" and "Change Password". The address bar displays "localhost:8080/student-management-mvc/change\_password". The page has a dark blue header with the title "Change Password" on the left and a user greeting "Welcome, Admin User" followed by "ADMIN", "Dashboard", and "Logout" links on the right. The main content area has a purple gradient background. In the center is a white card titled "Change Password" containing three input fields: "Current Password", "New Password", and "Confirm New Password". Below these fields is a blue button labeled "Update Password".



The screenshot shows a web browser window with two tabs: "Login - Student Management Sys" and "Dashboard". The address bar displays "localhost:8080/student-management-mvc/dashboard". The page has a dark blue header with the title "Student Management System" on the left and a user greeting "Admin User" followed by "admin", "Logout", and "Change Password" links on the right. The main content area has a light gray background. It features a white card with the text "Welcome back, Admin User!" and "Here's what's happening with your students today." Below this is another white card showing a student icon, the number "14", and the text "Total Students". At the bottom is a "Quick Actions" section with three buttons: "View All Students" (blue), "Add New Student" (green), and "Search Students" (orange).