VIETNAM NATIONAL UNIVERSITY OF HO CHI MINH CITY

THE INTERNATIONAL UNIVERSITY

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

Web Application Development - IT093IU

Homework Lab 5: SERVLET & MVC PATTERN

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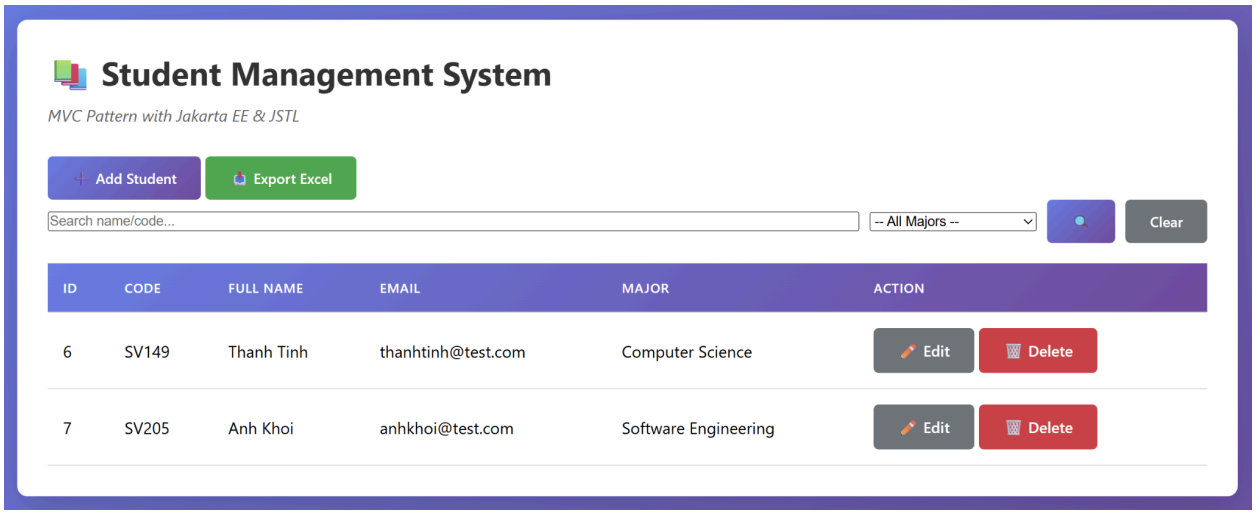
Github Link

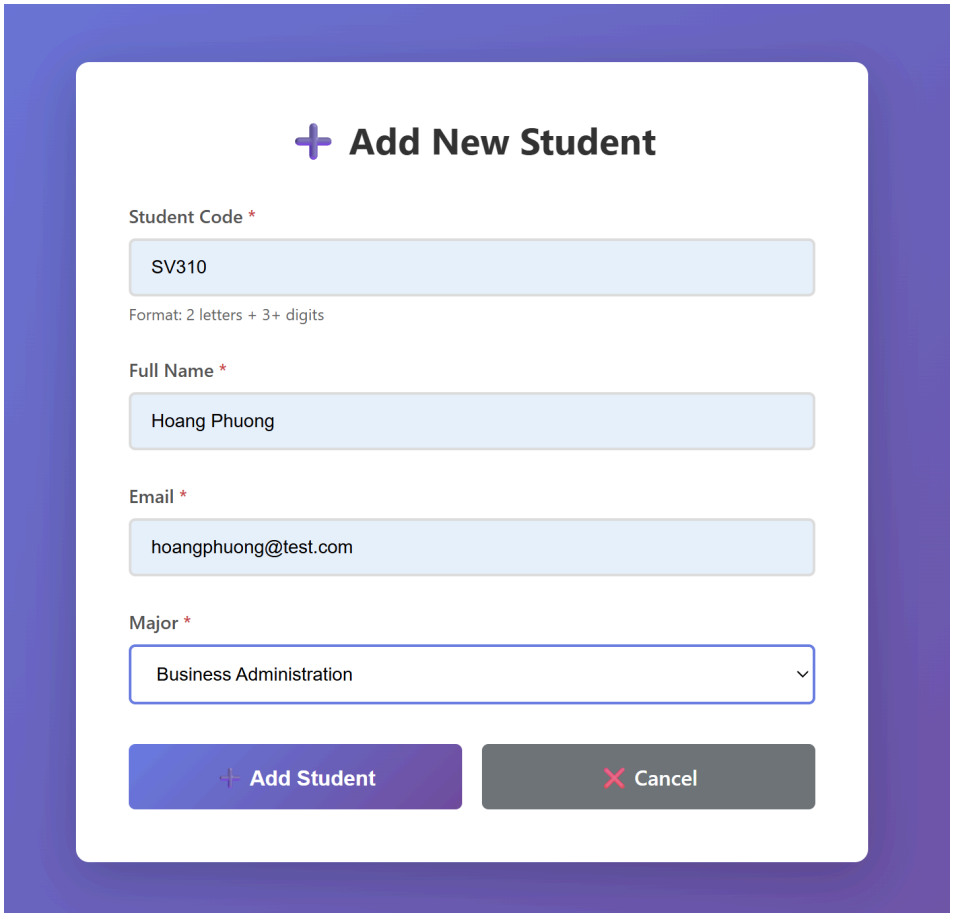
https://github.com/ngvuthtinh/Web_Lab/tree/main/Lab_5/Homework

1. Home page with student list



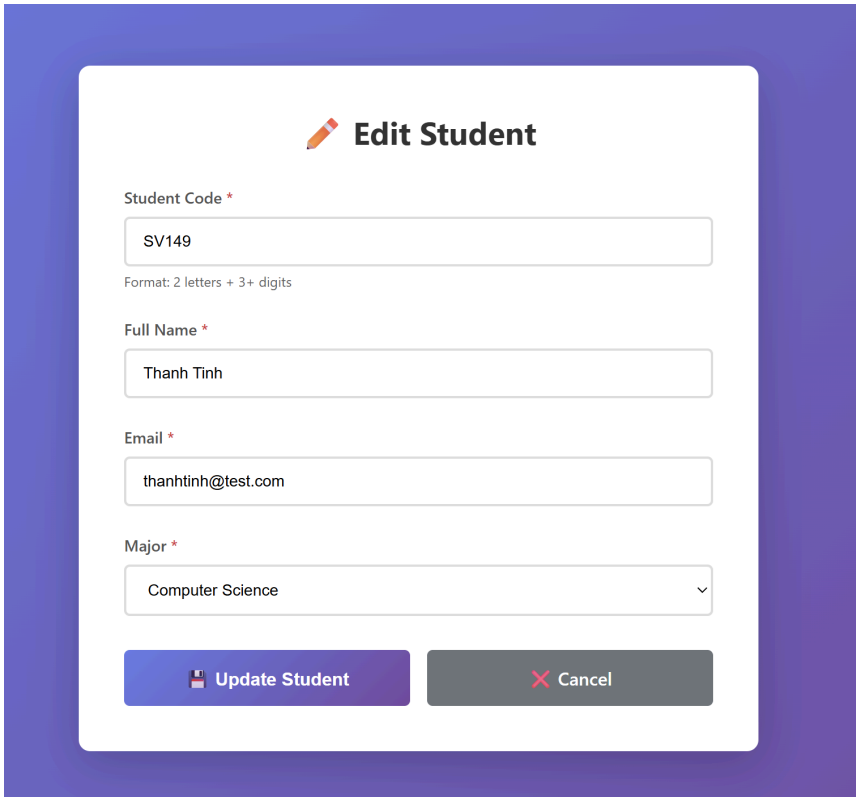
Description: The main dashboard displays a paginated list of students. It includes a control panel for searching, filtering by major, and sorting by columns. Users can also export data to Excel or add new students from this view.

2. Add student form



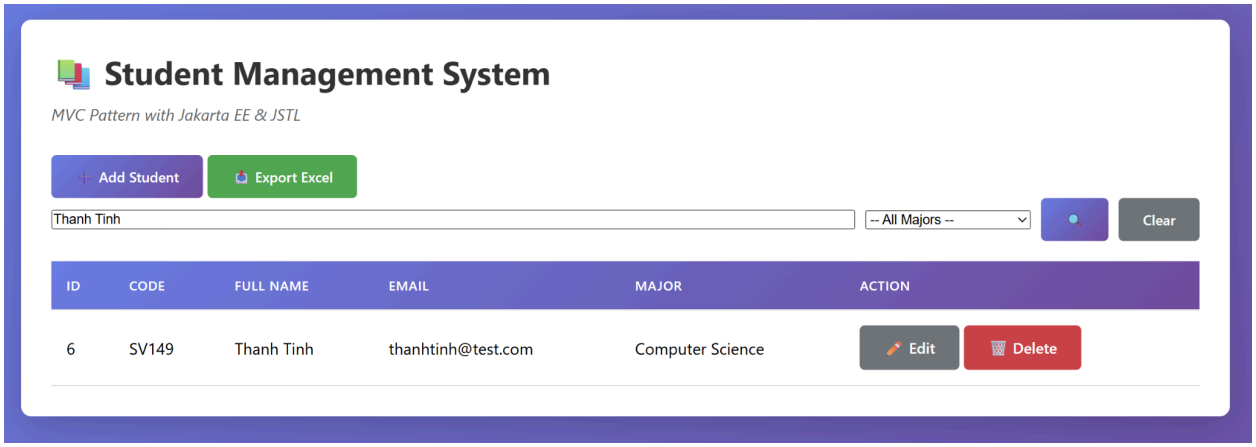
Description: A clean form for registering new students. It contains fields for Student Code, Full Name, Email, and Major selection.

3. Edit student form (pre-filled)



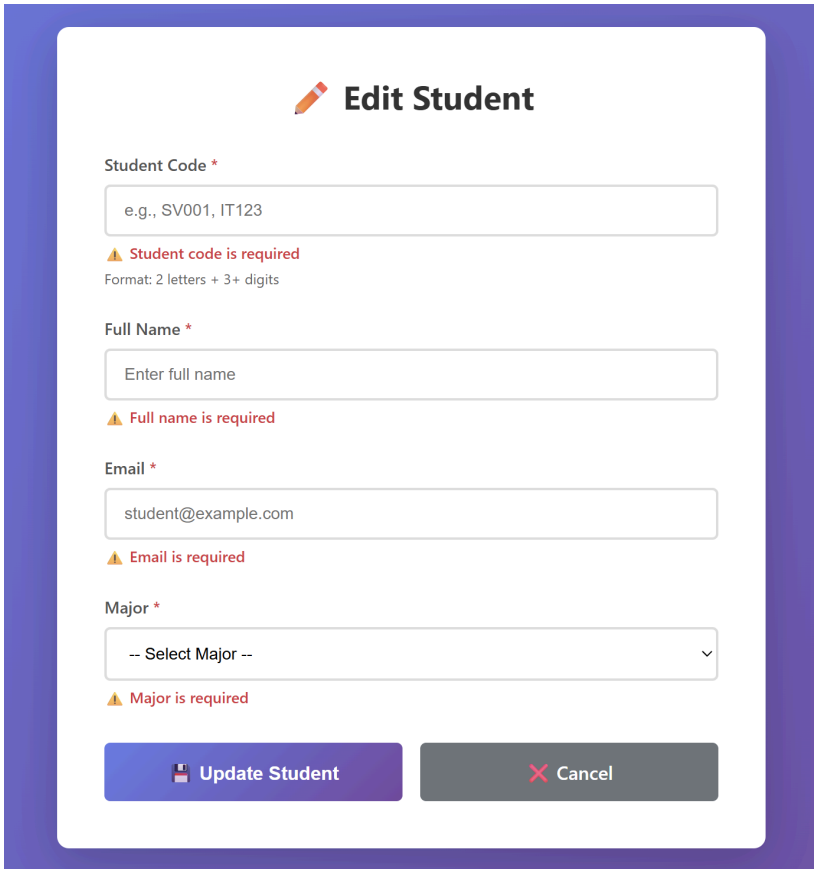
Description: The edit form pre-loads the existing student's data from the database, allowing the user to modify details while preserving the Student ID.

4. Search results



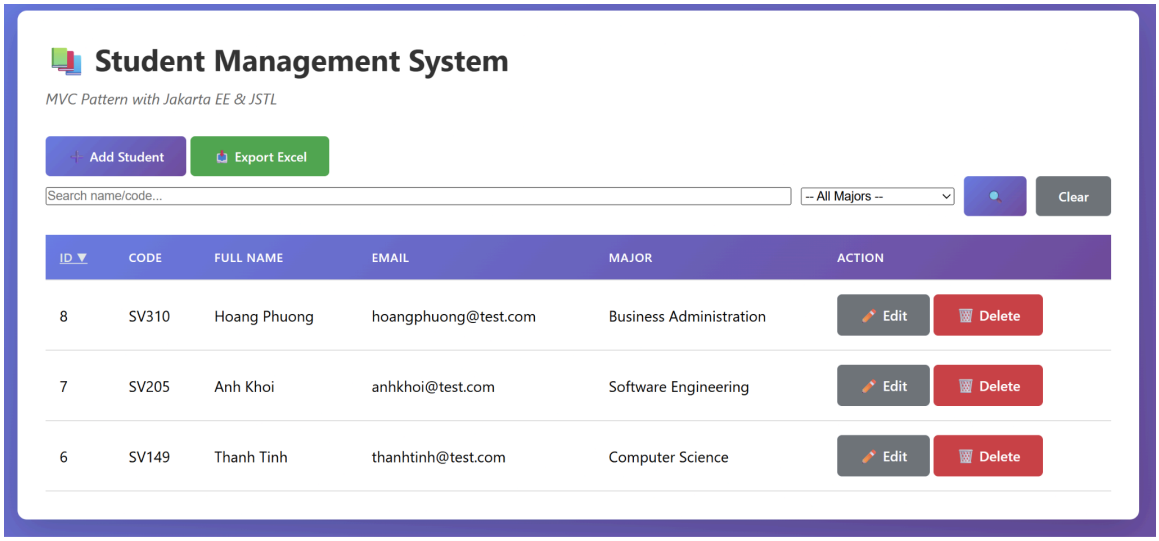
Description: Search functionality allows finding students by Name, Code, or Email. The search state is preserved across pagination.

5. Validation errors



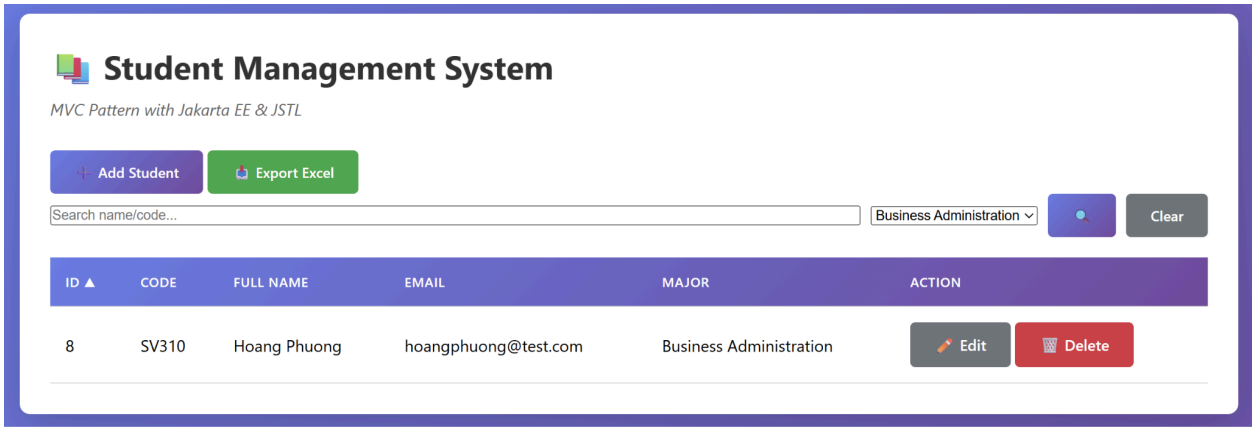
Description: Server-side validation prevents invalid data entry. Error messages are displayed directly below the relevant fields if inputs are missing or format constraints (like Regex for Student Code/Email) are violated.

6. Sorted list



Description: Clicking on column headers sorts the data in Ascending or Descending order. Visual indicators (arrows) show the current sort direction.

7. Filtered list



Description: Users can filter the list to show only students from a specific Major. The filter dropdown reflects the current selection.