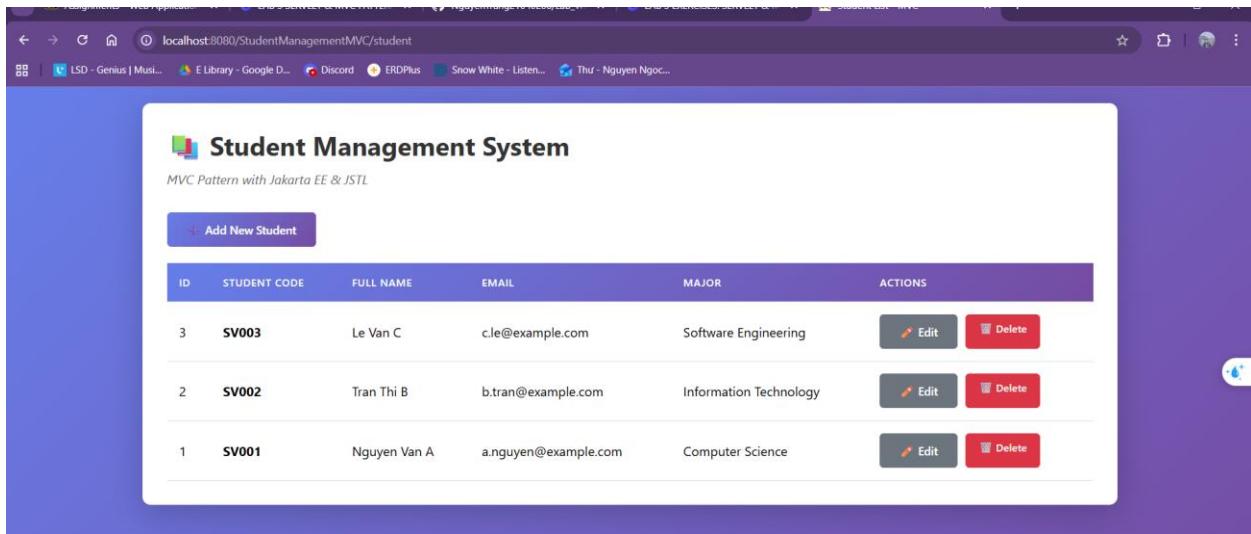


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LAB 5

WEB AP EX



A screenshot of a web browser displaying the "Student Management System". The title bar shows the URL "localhost:8080/StudentManagementMVC/student". The page header includes the system name and a subtitle "MVC Pattern with Jakarta EE & JSTL". A purple button labeled "+ Add New Student" is visible. Below is a table listing three students:

ID	STUDENT CODE	FULL NAME	EMAIL	MAJOR	ACTIONS
3	SV003	Le Van C	c.le@example.com	Software Engineering	<button>Edit</button> <button>Delete</button>
2	SV002	Tran Thi B	b.tran@example.com	Information Technology	<button>Edit</button> <button>Delete</button>
1	SV001	Nguyen Van A	a.nguyen@example.com	Computer Science	<button>Edit</button> <button>Delete</button>

EX5:



A screenshot of the same web application, showing a search functionality. A search bar at the top contains the placeholder "Search by code, name, email...". A blue "Search" button is located to the right of the search bar. The rest of the interface is identical to the previous screenshot, displaying the student list table.

EX6:

Student Management System

MVC Pattern with Jakarta EE & JSTL

Student added successfully

Add New Student

Search by code, name, email...

Search

ID	STUDENT CODE	FULL NAME	EMAIL	MAJOR	ACTIONS
4	SV20331	NGUYEN NGOC DINH TRUNG	nguyenngocdinhtrung@gmail.com	Business Administration	Edit Delete
3	SV003	Le Van C	c.le@example.com	Software Engineering	Edit Delete
2	SV002	Tran Thi B	b.tran@example.com	Information Technology	Edit Delete
1	SV001	Nguyen Van A	a.nguyen@example.com	Computer Science	Edit Delete

Activate Window
Go to Settings to ...

Student Management System

MVC Pattern with Jakarta EE & JSTL

Failed to add student

Add New Student

Search by code, name, email...

Search

ID	STUDENT CODE	FULL NAME	EMAIL	MAJOR	ACTIONS
4	SV20331	NGUYEN NGOC DINH TRUNG	nguyenngocdinhtrung@gmail.com	Business Administration	Edit Delete
3	SV003	Le Van C	c.le@example.com	Software Engineering	Edit Delete
2	SV002	Tran Thi B	b.tran@example.com	Information Technology	Edit Delete
1	SV001	Nguyen Van A	a.nguyen@example.com	Computer Science	Edit Delete

Activate Window
Go to Settings to ...

+ Add New Student

Student Code *

Format: 2 letters + 3+ digits

Full Name *

Email

Major *

+ Add Student
X Cancel

Student Management System

MVC Pattern with Jakarta EE & JSTL

X Failed to update student

+ Add New Student

ID	STUDENT CODE	FULL NAME	EMAIL	MAJOR	ACTIONS
4	SV20331	NGUYEN NGOC DINH TRUNG	nguyenngocdinhtrung@gmail.com	Business Administration	Edit Delete
3	SV003	Le Van C	c.le@example.com	Software Engineering	Edit Delete
2	SV002	Tran Thi B	b.tran@example.com	Information Technology	Edit Delete
1	SV001	Nguyen Van A	a.nguyen@example.com	Computer Science	Edit Delete Activate Window

Search by code, name, email... Search

Go to Settings to add more columns

EX7:

Search id:

Filter by Major: All Majors Search results for: **SV001**

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
1	SV001	Nguyen Van A	a.nguyen@example.com	Computer Science	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Sort Table Collum:

+ Add New Student

Filter by Major: Information Technology Clear Filter

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
7	SV006	jOHN	john12@gmail.com	Information Technology	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	SV002	Tran Thi B	b.tran@example.com	Information Technology	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Apply Filter:

MVC Pattern with Jakarta EE & JSTL

[+ Add New Student](#)

Filter by Major: Computer Science

Search by code, name, email...

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
1	SV001	Nguyen Van A	a.nguyen@example.com	Computer Science	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

[+ Add New Student](#)

Filter by Major: Information Technology

Search by code, name, email...

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
7	SV006	jOHN	john12@gmail.com	Information Technology	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	SV002	Tran Thi B	b.tran@example.com	Information Technology	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

EX8:

Previous/Next buttons

 **Student Management System**

MVC Pattern with Jakarta EE & JSTL

[+ Add New Student](#)

Filter by Major: All Majors

Search by code, name, email...

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
12	IT012	NAM	nam@hcmiu.edu.vn	Information Technology	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
11	IT066	huy	huy@gmail.com	Computer Science	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
9	IT123	LE GIA BAO	BAO@gmail.com	Business Administration	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
8	IT003	Peter	Peter@gmail.com	Business Administration	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

[1](#) [2](#) [3](#) [Next »](#)

Page 1 of 3

Activate Windows
Go to Settings to activate

[+ Add New Student](#)

Filter by Major:

Search by code, name, email...

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
7	SV006	JOHN	john12@gmail.com	Information Technology	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
4	SV20331	NGUYEN NGOC DINH TRUNG	nguyenngocdinhtrung@gmail.com	Business Administration	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	SV003	Le Van C	c.le@example.com	Software Engineering	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	SV002	Tran Thi B	b.tran@example.com	Information Technology	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

[« Prev](#) [1](#) [2](#) [3](#) [Next »](#)

Page 2 of 3

Activate Window
Go to Settings to ...

Page numbers clickable with current highlighted

[1](#) [2](#) [3](#) [Next »](#)

Page 1 of 3

Page info displays

 **Student Management System**

MVC Pattern with Jakarta EE & JSTL

[+ Add New Student](#)

Filter by Major:

Search by code, name, email...

ID	CODE	NAME	EMAIL	MAJOR	ACTIONS
1	SV001	Nguyen Van A	a.nguyen@example.com	Computer Science	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

[« Prev](#) [1](#) [2](#) [3](#)

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