

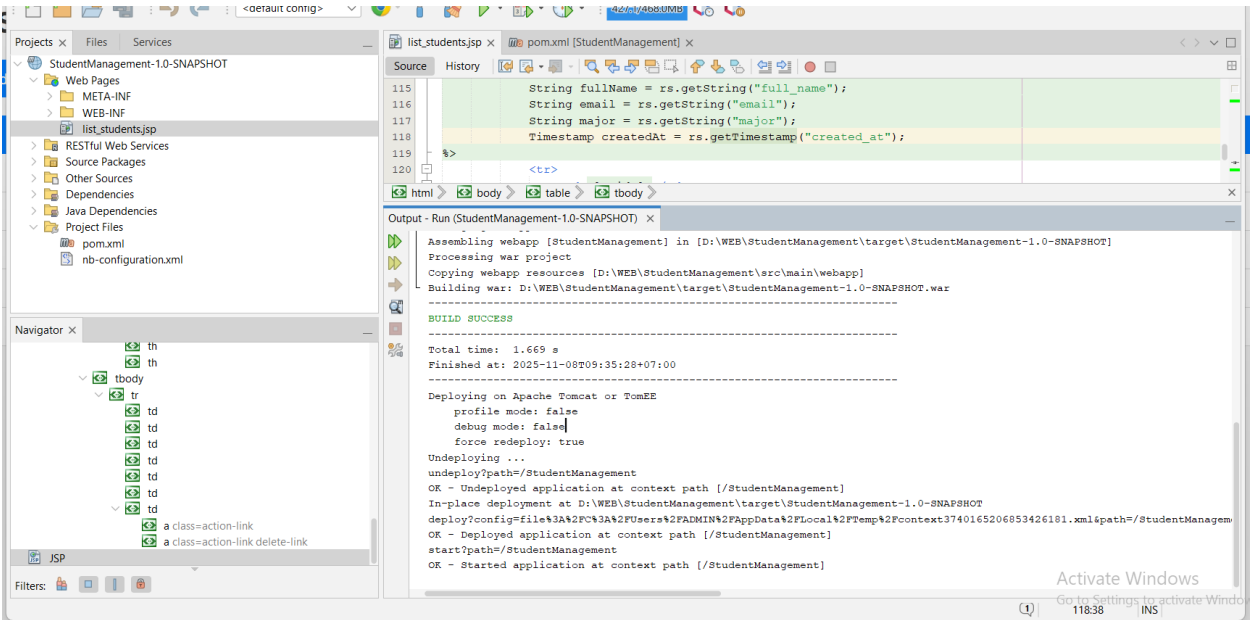
LAB 4

WEB APP

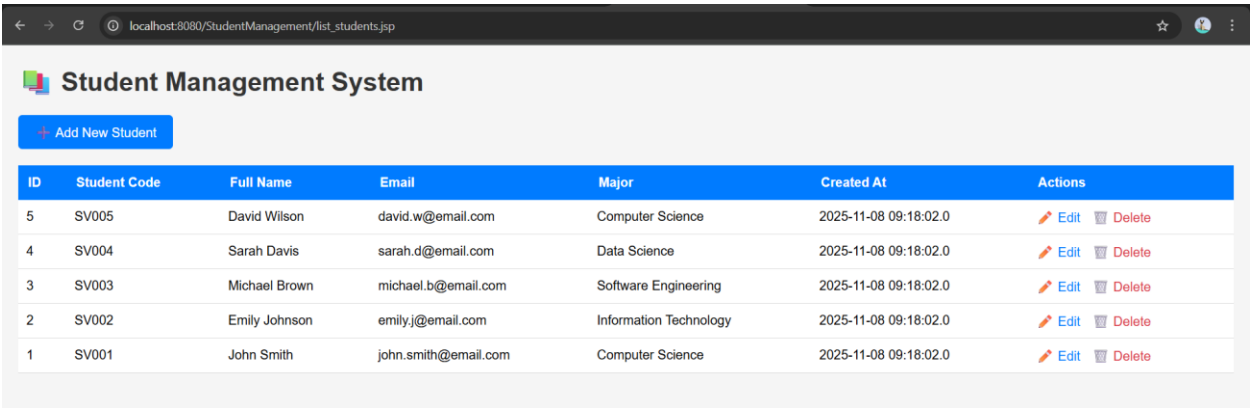
REPORT

EX1:

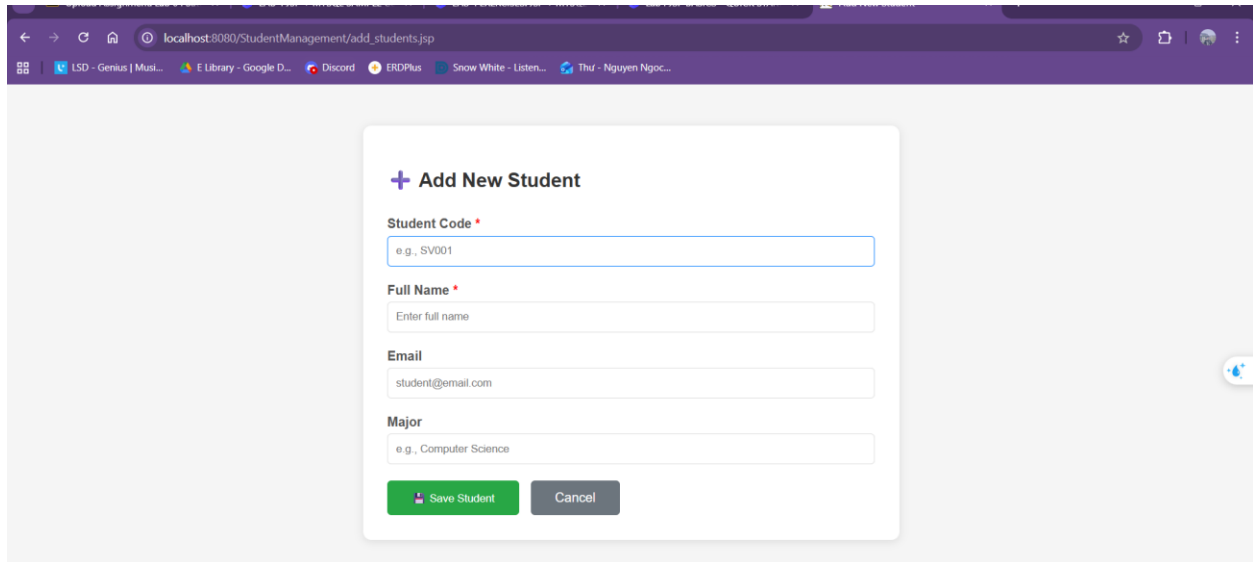
TASK 1.1:



TASK 1.2:



EX2:



+ Add New Student

Student Code *
e.g., SV001

Full Name *
Enter full name

Email
student@email.com

Major
e.g., Computer Science

[Save Student](#) [Cancel](#)

TEST CASE:

Valid data:

Student Management System						
Student added successfully						
+ Add New Student						
ID	Student Code	Full Name	Email	Major	Created At	Actions
6	SV006	John Doe			2025-11-08 10:01:51.0	Edit Delete
5	SV005	David Wilson	david.w@email.com	Computer Science	2025-11-08 09:18:02.0	Edit Delete
4	SV004	Sarah Davis	sarah.d@email.com	Data Science	2025-11-08 09:18:02.0	Edit Delete
3	SV003	Michael Brown	michael.b@email.com	Software Engineering	2025-11-08 09:18:02.0	Edit Delete
2	SV002	Emily Johnson	emily.j@email.com	Information Technology	2025-11-08 09:18:02.0	Edit Delete
1	SV001	John Smith	john.smith@email.com	Computer Science	2025-11-08 09:18:02.0	Edit Delete

Empty required field:

+ Add New Student

Student Code *

e.g., SV001

Full Name *

John



Please fill out this field.

Email

student@email.com

Major

e.g., Computer Science



Save Student

Cancel

Duplicate code:

localhost:8080/StudentManagement/add_students.jsp?error=Student%20code%20already%20exists

+ Add New Student

Student code already exists

Student Code *

e.g., SV001

Full Name *

Enter full name

Email

student@email.com

Major

e.g., Computer Science




Save Student

Cancel

EX3:

TASK 3.1:

← → ↻ 🌐 localhost:8080/StudentManagement/edit_students.jsp?id=6 ⭐ 👤 ⋮

 **Edit Student Information**

Student Code

SV006


Cannot be changed

Full Name *

John Doe|


Email

Major


 Update













Cancel

TASK 3.2:

 **Student Management System**

Student updated successfully

 Add New Student

ID	Student Code	Full Name	Email	Major	Created At	Actions
6	SV006	Joe			2025-11-08 10:01:51.0	 Edit  Delete
5	SV005	David Wilson	david.w@email.com	Computer Science	2025-11-08 09:18:02.0	 Edit  Delete
4	SV004	Sarah Davis	sarah.d@email.com	Data Science	2025-11-08 09:18:02.0	 Edit  Delete
3	SV003	Michael Brown	michael.b@email.com	Software Engineering	2025-11-08 09:18:02.0	 Edit  Delete
2	SV002	Emily Johnson	emily.j@email.com	Information Technology	2025-11-08 09:18:02.0	 Edit  Delete
1	SV001	John Smith	john.smith@email.com	Computer Science	2025-11-08 09:18:02.0	 Edit  Delete

EX4:

localhost:8080/StudentManagement/list_students.jsp?message=Student%20updated%20successfully

Student Management System

Student updated successfully

Add New Student

localhost:8080 says

Are you sure?

OKCancel

ID	Student Code	Full Name	Email	Major	Created At	Actions
6	SV006	Joe			2025-11-08 10:01:51.0	<div>EditDelete</div>
5	SV005	David Wilson	david.w@email.com	Computer Science	2025-11-08 09:18:02.0	<div>EditDelete</div>
4	SV004	Sarah Davis	sarah.d@email.com	Data Science	2025-11-08 09:18:02.0	<div>EditDelete</div>
3	SV003	Michael Brown	michael.b@email.com	Software Engineering	2025-11-08 09:18:02.0	<div>EditDelete</div>
2	SV002	Emily Johnson	emily.j@email.com	Information Technology	2025-11-08 09:18:02.0	<div>EditDelete</div>
1	SV001	John Smith	john.smith@email.com	Computer Science	2025-11-08 09:18:02.0	<div>EditDelete</div>

localhost:8080/StudentManagement/list_students.jsp?message=Student%20deleted%20successfully

Student Management System

Student deleted successfully

Add New Student

ID	Student Code	Full Name	Email	Major	Created At	Actions
5	SV005	David Wilson	david.w@email.com	Computer Science	2025-11-08 09:18:02.0	<div>EditDelete</div>
4	SV004	Sarah Davis	sarah.d@email.com	Data Science	2025-11-08 09:18:02.0	<div>EditDelete</div>
3	SV003	Michael Brown	michael.b@email.com	Software Engineering	2025-11-08 09:18:02.0	<div>EditDelete</div>
2	SV002	Emily Johnson	emily.j@email.com	Information Technology	2025-11-08 09:18:02.0	<div>EditDelete</div>
1	SV001	John Smith	john.smith@email.com	Computer Science	2025-11-08 09:18:02.0	<div>EditDelete</div>