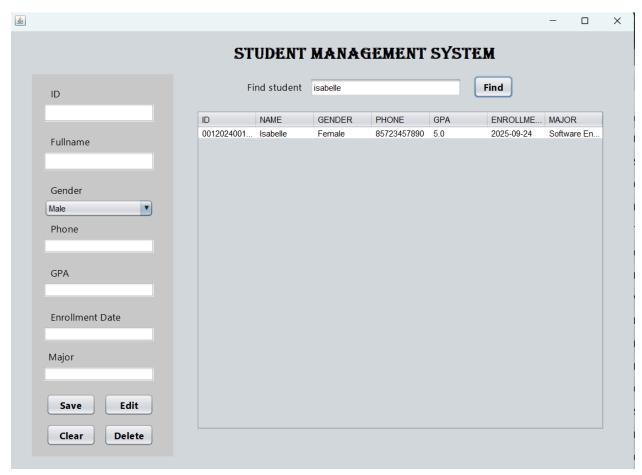CIT 4
Project members:

- **Jefferson Ruben Sulaiman(001202400132)**
- **Muhammad Dzaky Abrar(001202400181)**
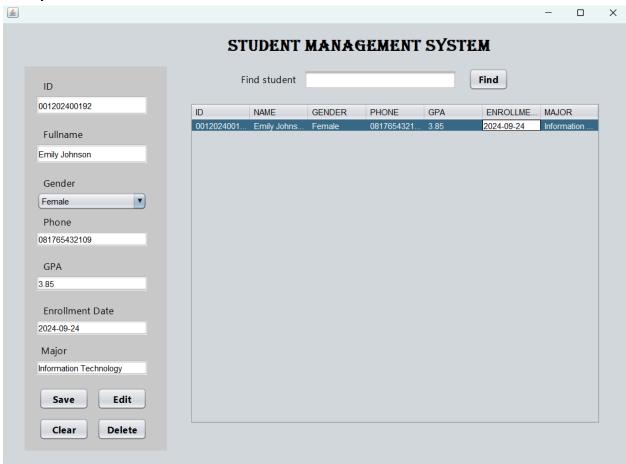- **Mohamad Ashraf Malabali(001202400185)**

This is the entire layout of the project.
It has 8 components in the form that accepts user inputs. These include the
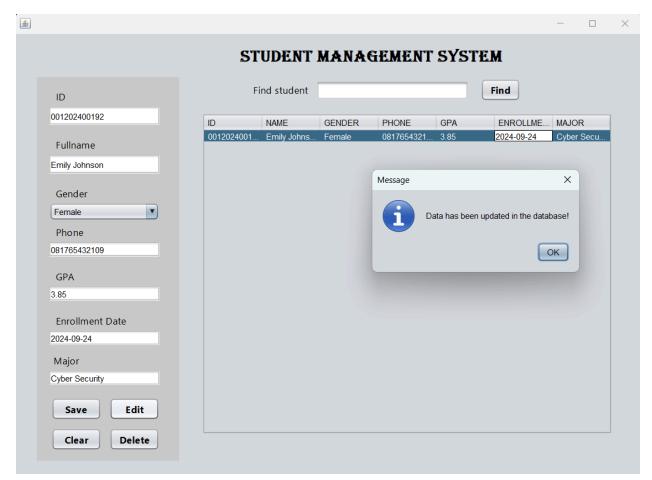- ID
- Fullname
- Gender
- Phone number
- GPA
- Enrollment Date
- Major
- Find student

We have also implemented the CRUD features, save is create, edit is update, read is find, and delete is delete.

Examples of CRUD

This is the create save function which we can use to add students into the database

If the student decides to change majors, we can use the edit button to change the desired major. The edit button also works on all the user input forms except the user_id since that is a primary key and it cannot be changed.

If the edit is successful, there will be a pop up box saying that it was successful. This uses JoptionPane.

The clear button is to clear the user inputs. Below is the before and after.

STUDENT MANAGEMENT SYSTEM

ID

Fullname

Gender

Male ▾

Phone

GPA

Enrollment Date

Major

Save	Edit
Clear	Delete

Find student

Find

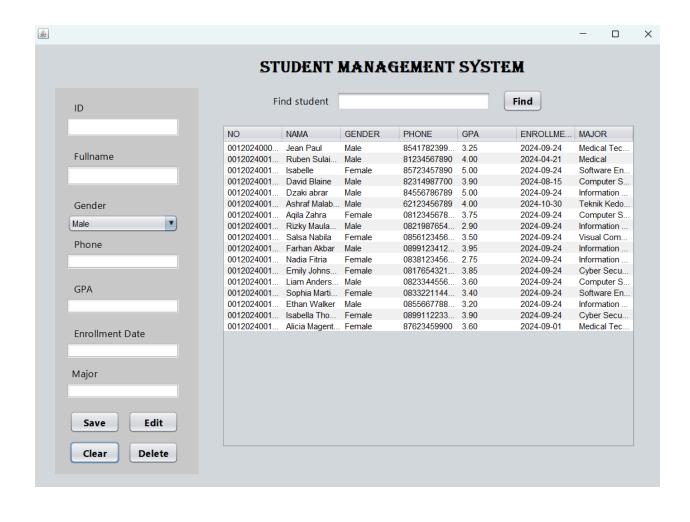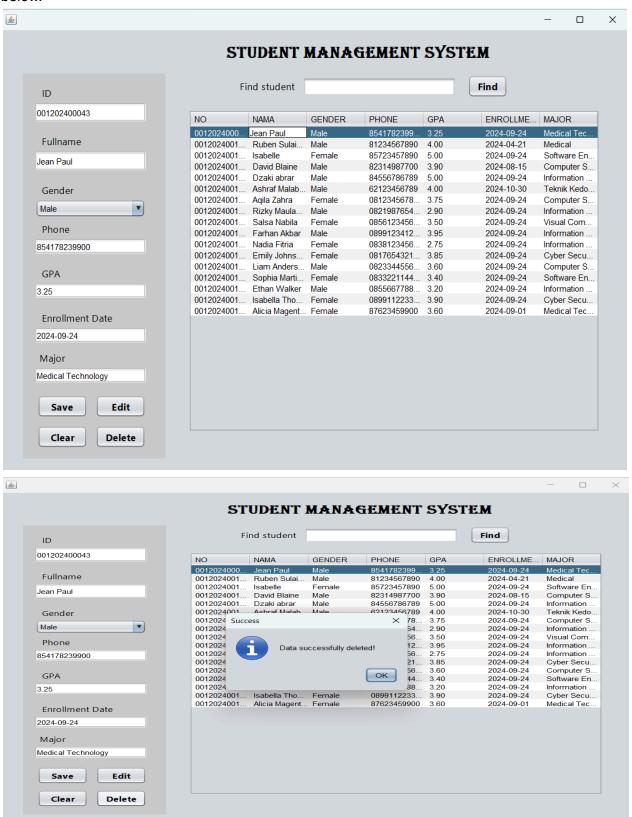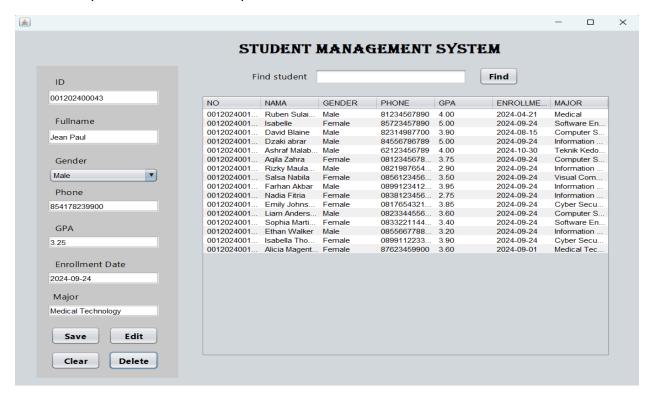| NO	NAMA	GENDER	PHONE	GPA	ENROLLME...	MAJOR
0012024000...	Jean Paul	Male	8541782399...	3.25	2024-09-24	Medical Tec...
0012024001...	Ruben Sulai...	Male	81234567890	4.00	2024-04-21	Medical
0012024001...	Isabelle	Female	85723457890	5.00	2024-09-24	Software En...
0012024001...	David Blaine	Male	82314987700	3.90	2024-08-15	Computer S...
0012024001...	Dzaki abrar	Male	84556786789	5.00	2024-09-24	Information ...
0012024001...	Ashraf Malab...	Male	62123456789	4.00	2024-10-30	Teknik Kedo...
0012024001...	Aqila Zahra	Female	0812345678...	3.75	2024-09-24	Computer S...
0012024001...	Rizky Maula...	Male	0821987654...	2.90	2024-09-24	Information ...
0012024001...	Salsa Nabila	Female	0856123456...	3.50	2024-09-24	Visual Com...
0012024001...	Farhan Akbar	Male	0899123412...	3.95	2024-09-24	Information ...
0012024001...	Nadia Fitria	Female	0838123456...	2.75	2024-09-24	Information ...
0012024001...	Emily Johns...	Female	0817654321...	3.85	2024-09-24	Cyber Secu...
0012024001...	Liam Anders...	Male	0823344556...	3.60	2024-09-24	Computer S...
0012024001...	Sophia Marti...	Female	0833221144...	3.40	2024-09-24	Software En...
0012024001...	Ethan Walker	Male	0855667788...	3.20	2024-09-24	Information ...
0012024001...	Isabella Tho...	Female	0899112233...	3.90	2024-09-24	Cyber Secu...
0012024001...	Alicia Magent...	Female	87623459900	3.60	2024-09-01	Medical Tec...

The Delete button does what it says it does, it deletes any student that you select. Example below.

We have to press OK first for it to update

We can search for a student using the student ID or the student name. Example Below.

STUDENT MANAGEMENT SYSTEM

Find student   dzaki   **Find**

ID	NAME	GENDER	PHONE	GPA	ENROLLME...	MAJOR
0012024001...	Dzaki abrar	Male	84556786789	5.0	2024-09-24	Information ...

ID

001202400043

Fullname

Jean Paul

Gender

Male

Phone

854178239900

GPA

3.25

Enrollment Date

2024-09-24

Major

Medical Technology

Save   **Edit**

Clear   **Delete**