

Programming III

SCS 2104

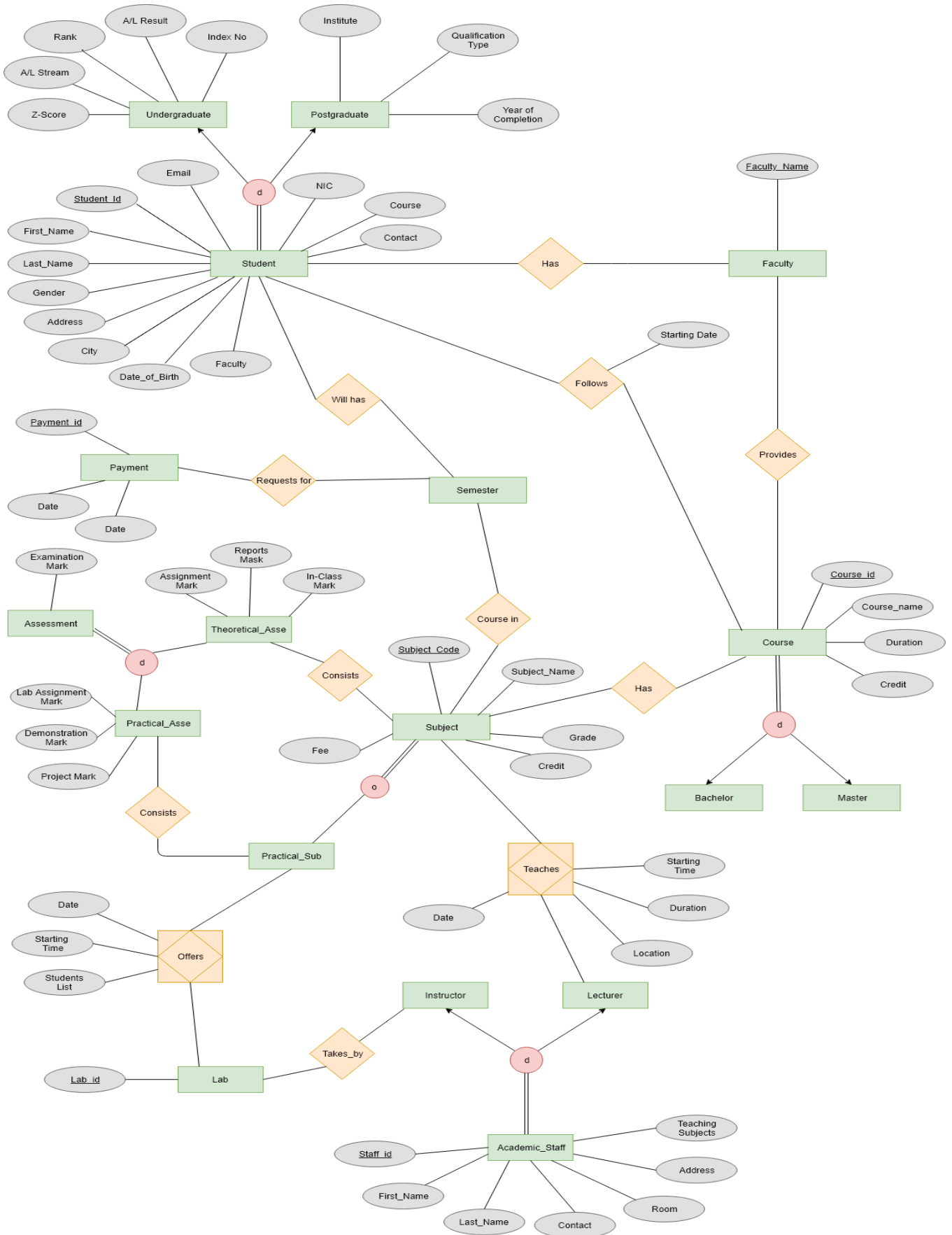
Take Home Assignment

NSBM Green University Enrollment System

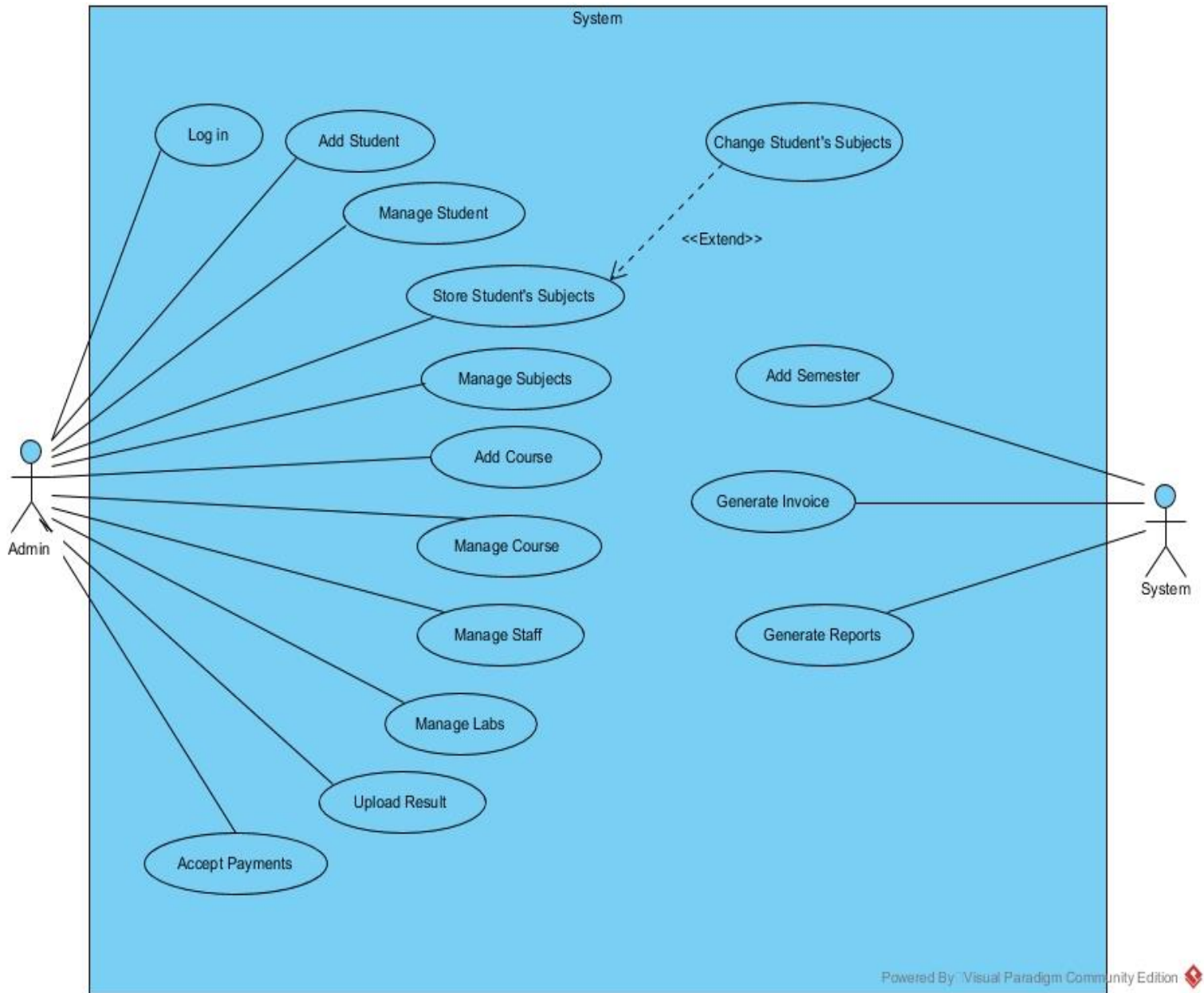
Project Content...

- 1) ER Diagram
- 2) Use Case Diagram
- 3) Class Diagram
- 4) Interfaces

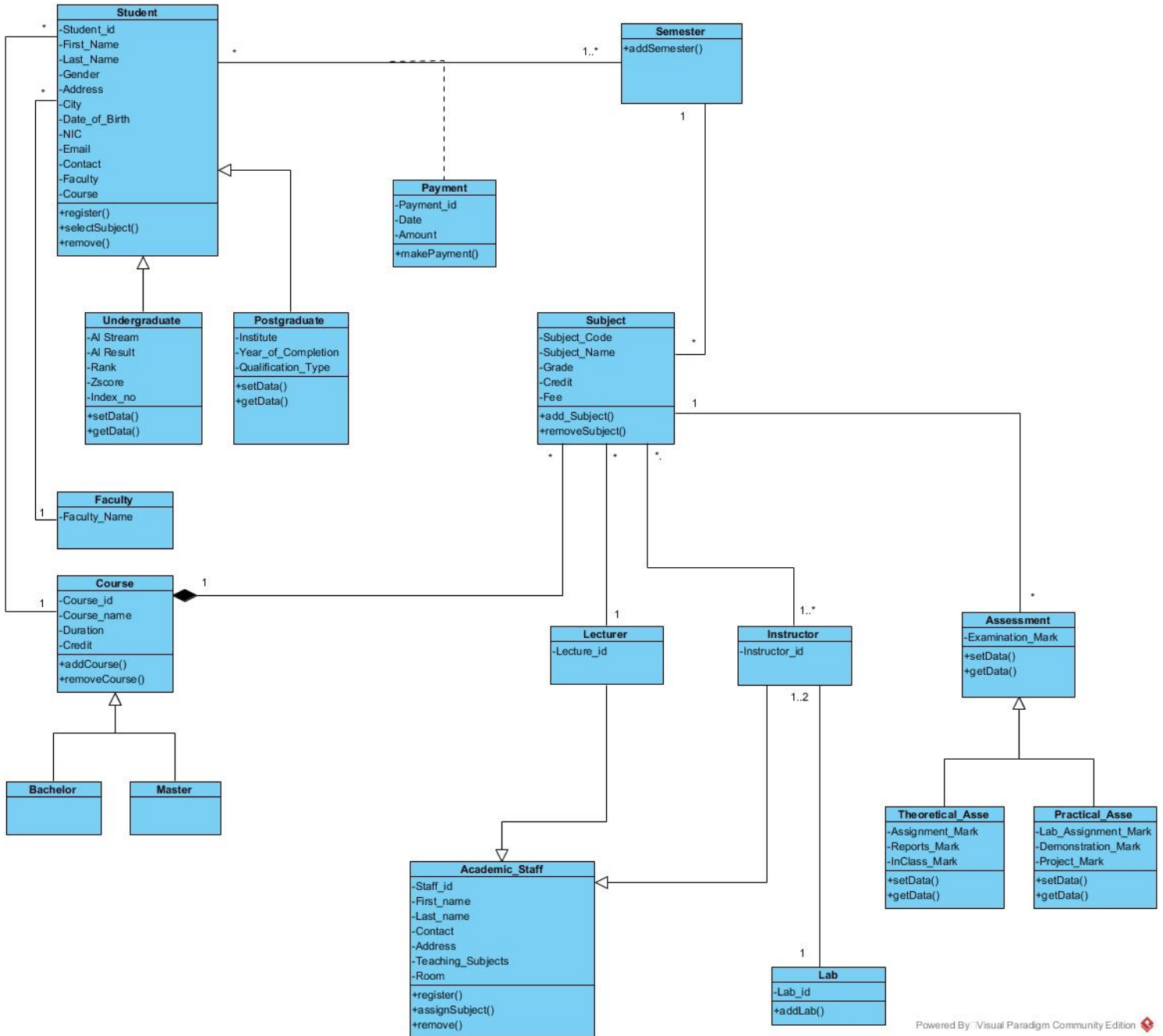
ER Diagram



Use Case Diagram



Class Diagram



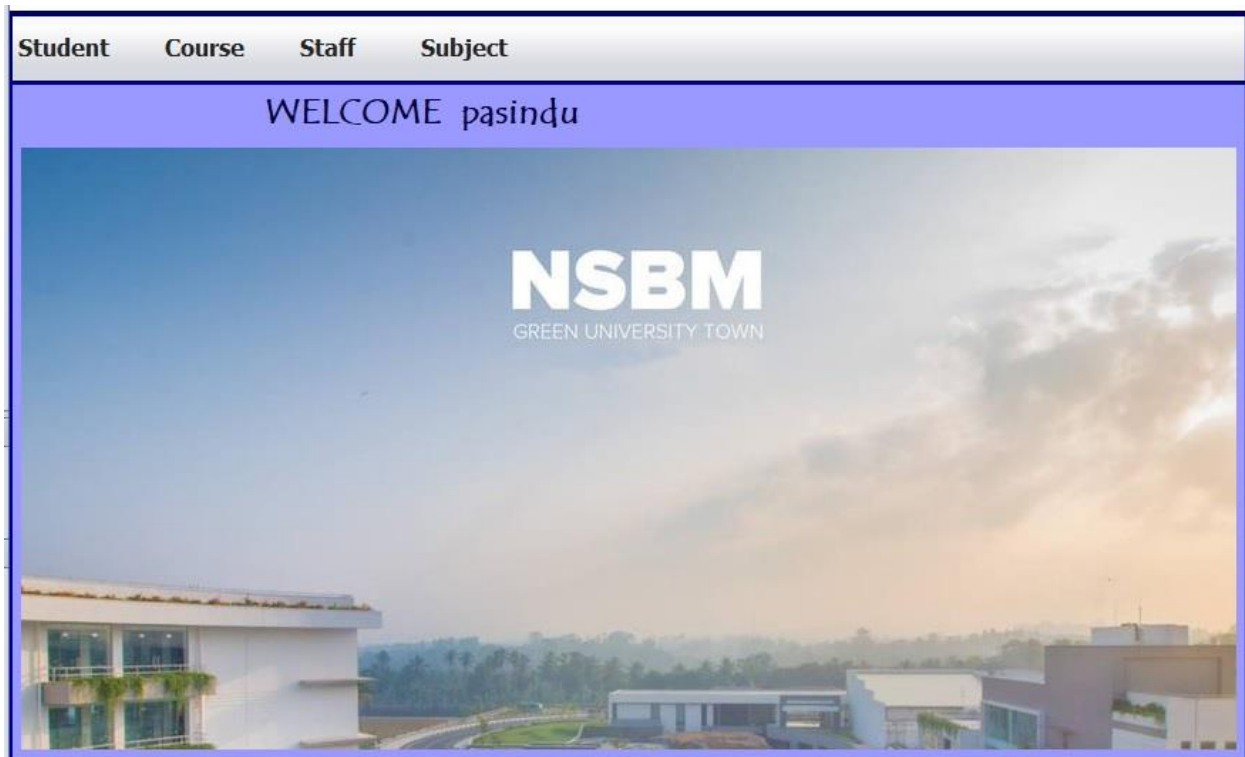
Interfaces

➤ Login



A screenshot of a web browser window displaying a login interface for NSBM. The window has a standard title bar with a small icon on the left and minimize, maximize, and close buttons on the right. The main content area has a light blue background. At the top center, the text ***NSBM*** is displayed in a large, bold, dark blue serif font. Below this, there are two labels, "Username" and "Password", in a bold black sans-serif font. Each label is followed by a white rectangular input field with a thin grey border. At the bottom of the form, there are two buttons: "Cancel" and "LogIn". Both buttons are white with a grey border and a slight shadow, and the text is in a bold black sans-serif font.

➤ Home



➤ Add Undergraduate Student

UNDERGRADUATE STUDENT		A/L Result		Home
Student ID	<input type="text"/>	Mathematics	A	
First Name	<input type="text"/>	Mathematics	A	
Last Name	<input type="text"/>	Mathematics	A	
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female			
Address	<input type="text"/>	Rank	<input type="text"/>	
City	<input type="text"/>	Z-Score	<input type="text"/>	
NIC	<input type="text"/>	Faculty	School of Business	
Contact	<input type="text"/>	Course	Computer Science	
Email	<input type="text"/>			
Date of Birth	<input type="text"/> <input type="button" value="📅"/>			
A/L Stream	Maths			
Index No	<input type="text"/>			
		Add	View	Cancel

➤ Add Postgraduate Student

POSTGRADUATE STUDENT

Student ID

First Name

Last Name

Gender

☒ Male ☐ Female

Address

City

NIC

Contact

Email

Date of Birth

Qualification Type

Institute

Year of Completion

Faculty

School of Business

Course

Computer Science

Home

Add

View

Cancel

➤ Manage Undergraduate Student

UNDERGRADUATE STUDENT

Student ID

First Name

Last Name

Gender

☐ Male ☐ Female

Address

City

NIC

Contact

Email

Date of Birth

A/L Stream

Maths

Index No

A/L Result

Mathematics

A

Mathematics

A

Mathematics

A

Rank

Z-Score

Faculty

School of Business

Course

Computer Science

Search:

Subject 1	Result	Subject 2	Result	Subject 3	Result

Studen...	First N...	Last N...	Gender	Address	City	NIC	Contact	Email	Date of...	A/L Str...	Index No	Rank	Z-Score	Faculty	Course
3	aaaaa...	bbbbb...	F	ccccc...	dddd...	34eee...	34235...	ffffff...	2017-...		234235	200	1.324		

Add

Edit

Remove

➤ Manage Postgraduate Student

POSTGRADUATE STUDENT

Student ID

First Name

Last Name

Gender ☐ Male ☐ Female

Address

City

NIC

Contact

Email

Date of Birth

Qualification Type

Institute

Year of Completion

Course Search:

Faculty

Student...	First Na...	Last Na...	Gender	Address	City	NIC	Contact	Email	Date of ...	Qualific...	Institute	Year of ...	Course	Faculty
1	pasindu	dishan	Male	sujani, ...	matara	95159...	07765...	jkpasin...	1995-0...	diploma	open u...	2015	School ...	Compu...
2	kamala	perera	Female	kekana...	matara	07154...	92653...	kamalp...	1992-0...	diploma	open u...	2010	School ...	Busines...
3	amali	rathna...	Female	ssssss...	matara	93653...	07154...	amalira...	1993-1...	diploma	open u...	2012	School ...	Inform...

➤ Add Course

COURSE

Course ID

Course Name

Duration

Credit

➤ Manage Course

COURSE

Course ID

Course Name

Duration

Credit

Course ID	Course Name	Duration	Credit
10	gdddd	5	2
20	hvjh	14	2
25	nijbiu	18	5
cs2100	java	10	10
scs2105	computer network	22	3

➤ Add Lecturer

Lecturer

Lecturer ID

First Name

Last Name

Address

Contact

Room

Teaching Subject

➤ Manage Lecturer

Lecturer

Lecturer ID

First Name

Last Name

Address

Contact

Room

Teaching Subject

Search:

Lecturer ID	First Name	Last Name	Address	Contact	Room	Teaching Subj...
1	vuyu	hvuyou	yvu	64866	67	gfu
2	gyuo	yug	hbiy	5665658	54	vhgvkh

Add

Edit

Remove

➤ Add Instructor

Instructor

Instructor ID

First Name

Last Name

Address

Contact

Room

Teaching Subject

Add

View

Cancel

➤ Manage Instructor

Instructor

Instructor ID

First Name

Last Name

Address

Contact

Room

Teaching Subject

Search:

Instructor ID	First Name	Last Name	Address	Contact	Room	Teaching Subj...
1	uyou	ghu	hugyhl	5648	56	gfk
2	ygu	hv	vvvvvvvv	468	5	gchcjyck

➤ Add Subject

SUBJECT

Subject Code

Subject Name

Grade

Credit

Fee

➤ Manage Subject

SUBJECT

Subject Code

Subject Name

Grade

Credit

Fee

Subject Code	Subject Name	Grade	Credit	Fee
scs2101	Software Engi...	A	2	12500.0
scs2102	Computer Sci...	A	2	13200.0
scs2103	Database	B+	3	14000.0
scs2104	Programming	A+	3	15300.0
scs2105	Data Structure...	A-	3	15000.0