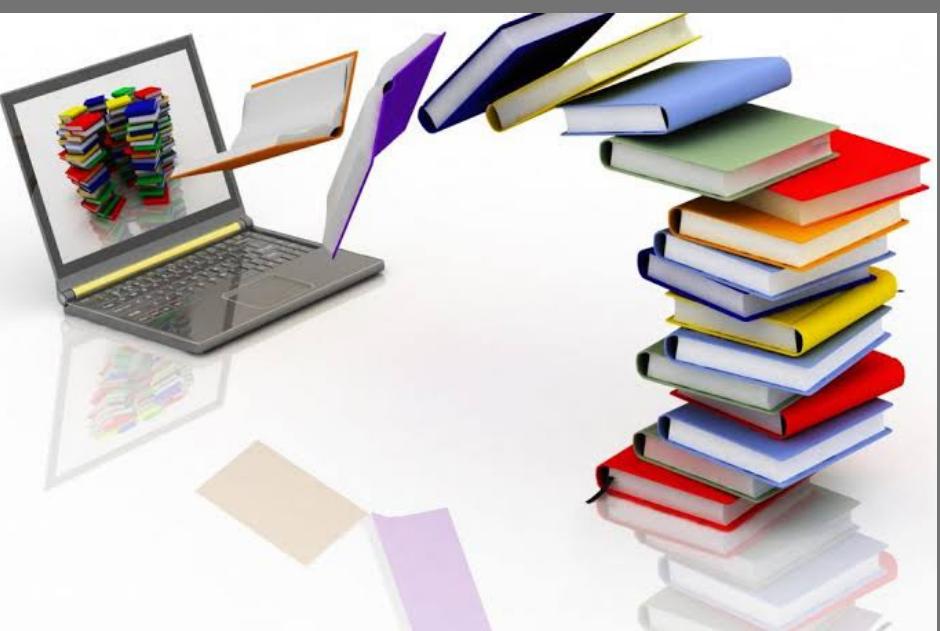
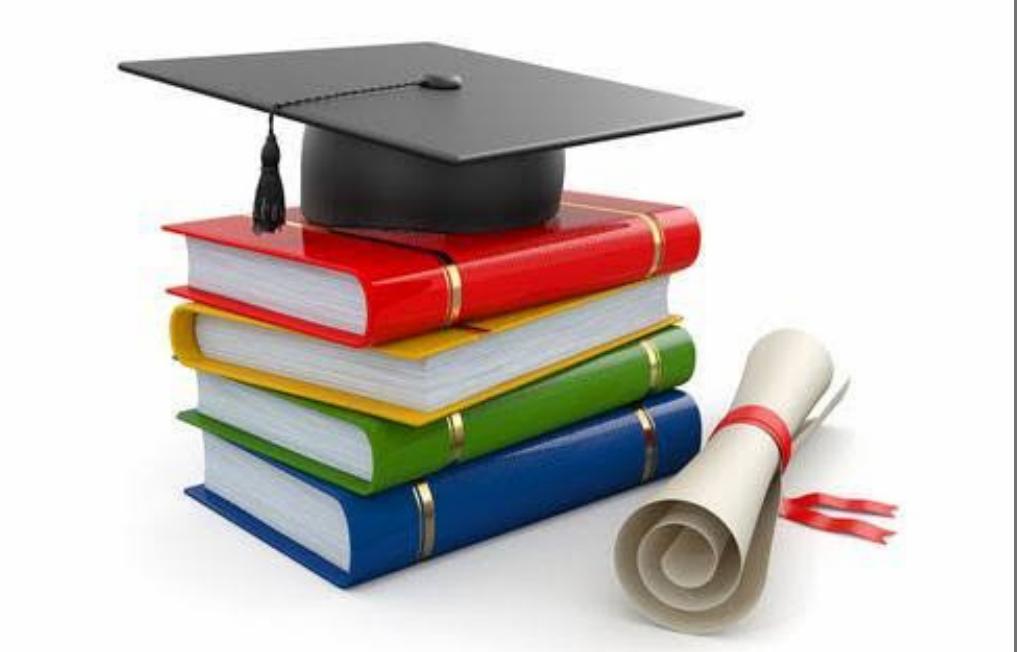


# **COLLEGE MANAGEMENT SYSTEM**



# **DEVELOPED BY**

**NAME**

- 1. MIHIR DEVGHARE**
- 2. YASHVI DUNGRANI**
- 3. YUVRAJJ JADAV**
- 4. JAYKUMAR SAPRA**

**ENROLLMENT NO.**

- 20162171006**
- 20162171007**
- 20162171008**
- 20162171009**

# **CONTENTS**

- 1. OOP CONCEPTS USED**
- 2. REQUIREMENTS**
- 3. PROJECT OVERVIEW**
- 4. SYSTEM MODULES**
- 5. OUTPUT SCREEN**
- 6. FUTURE ENHANCEMENT**
- 7. CONCLUSION**
- 8. INDIVIDUAL WORK**

# OOP CONCEPTS USED

1. INTERFACES &  
CLASSES
2. PACKAGES
3. JDBC
4. JFRAME
5. CONDITIONAL  
STATEMENTS

# REQUIREMENTS

## **SOFTWARE**

APACHE NETBEANS IDE

12.1

XAMPP CONTROL PANEL  
& SERVER

JAVA

VERSION

8.0

MY SQL

# PROJECT OVERVIEW

- THE PROJECT SHOWS THE MANAGEMENT SYSTEM OF THE COLLEGE.
- THE ADMIN ONLY CAN ACCESS THE SYSTEM BY ENTERING THE VALID USERNAME AND PASSWORD.
- AFTER LOGGING IN, THE ADMIN CAN ADD, DELETE, SEARCH THE STUDENT OR FACULTY AS WELL AS CAN UPDATE THE DATA OF BOTH.
- THE ADMIN CAN ALSO SEE AS WELL AS UPDATE THE FEES STATUS OF STUDENT
- FROM THE FACULTY MODULE, THE ADMIN CAN CHANGE/INSERT/UPDATE THE MARKS OF PARTICULAR STUDENT
- FACULTY CAN SEE THE DIFFERENT COURSES OFFERED BY COLLEGE AND THE FEES MODULE.

# SYSTEM MODULES

# STUDENT MODULE

- ADD STUDENT
- EDIT STUDENT DATA
- SEARCH STUDENT
- DELETE STUDENT
- STUDENT FEES STATUS
- EXAM RESULT
- STUDENT DETAILS
- ENTER FEES OF STUDENT

# FACULTY MODULE

- ADD FACULTY
- EDIT FACULTY DATA
- SEARCH FACULTY
- DELETE FACULTY
- UPDATE STUDENT MARKS

# COURSES OFFERED

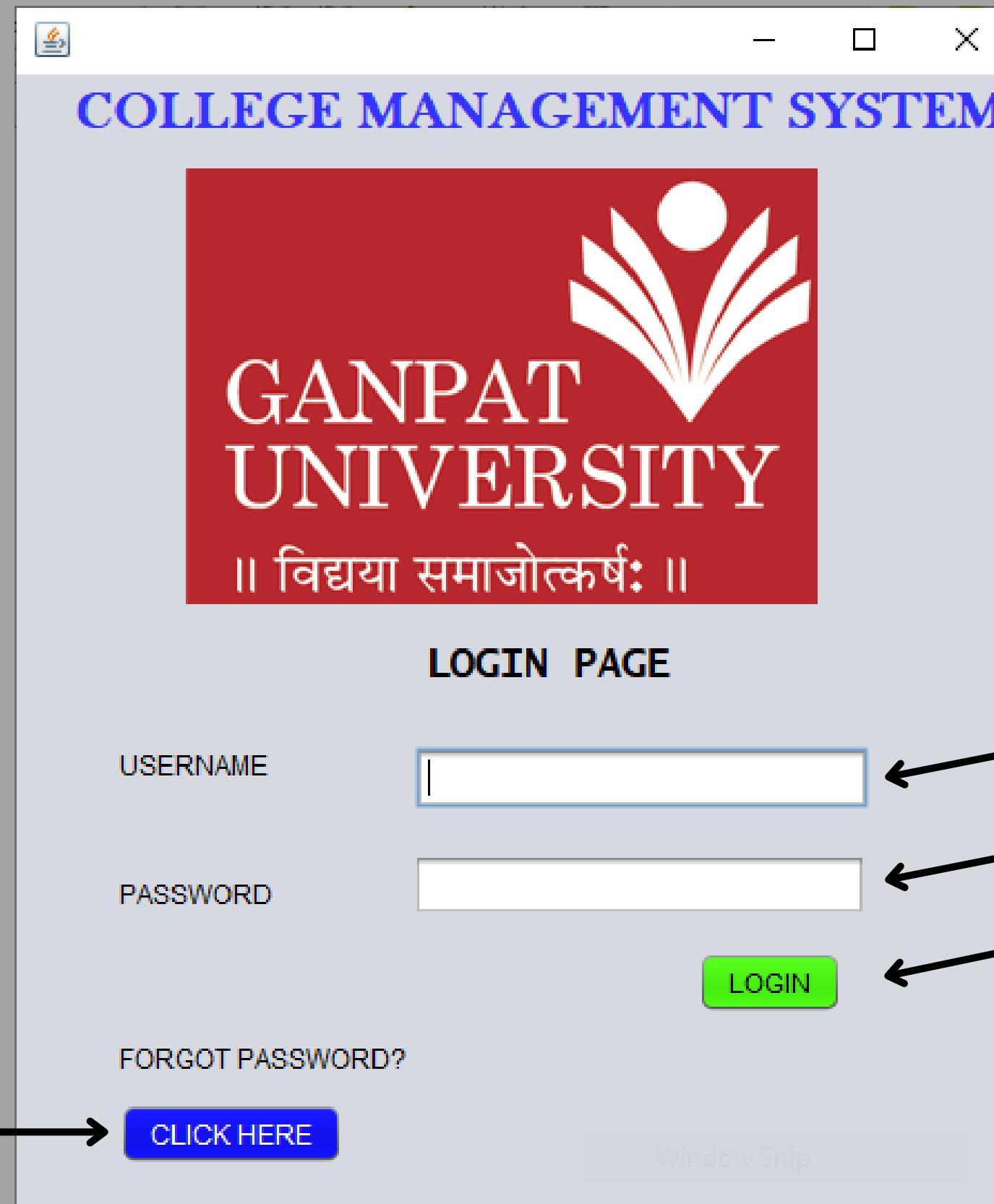
- THIS MODULE DISPLAYS ALL THE COURSES OFFERED BY THE COLLEGE

# FEES STRUCTURE

- THIS MODULE DISPLAYS THE FEES OF ALL THE DIFFERENT COURSES OFFERED BY THE INSTITUTE.

**OUTPUT SCREEN**

# LOGIN WINDOW



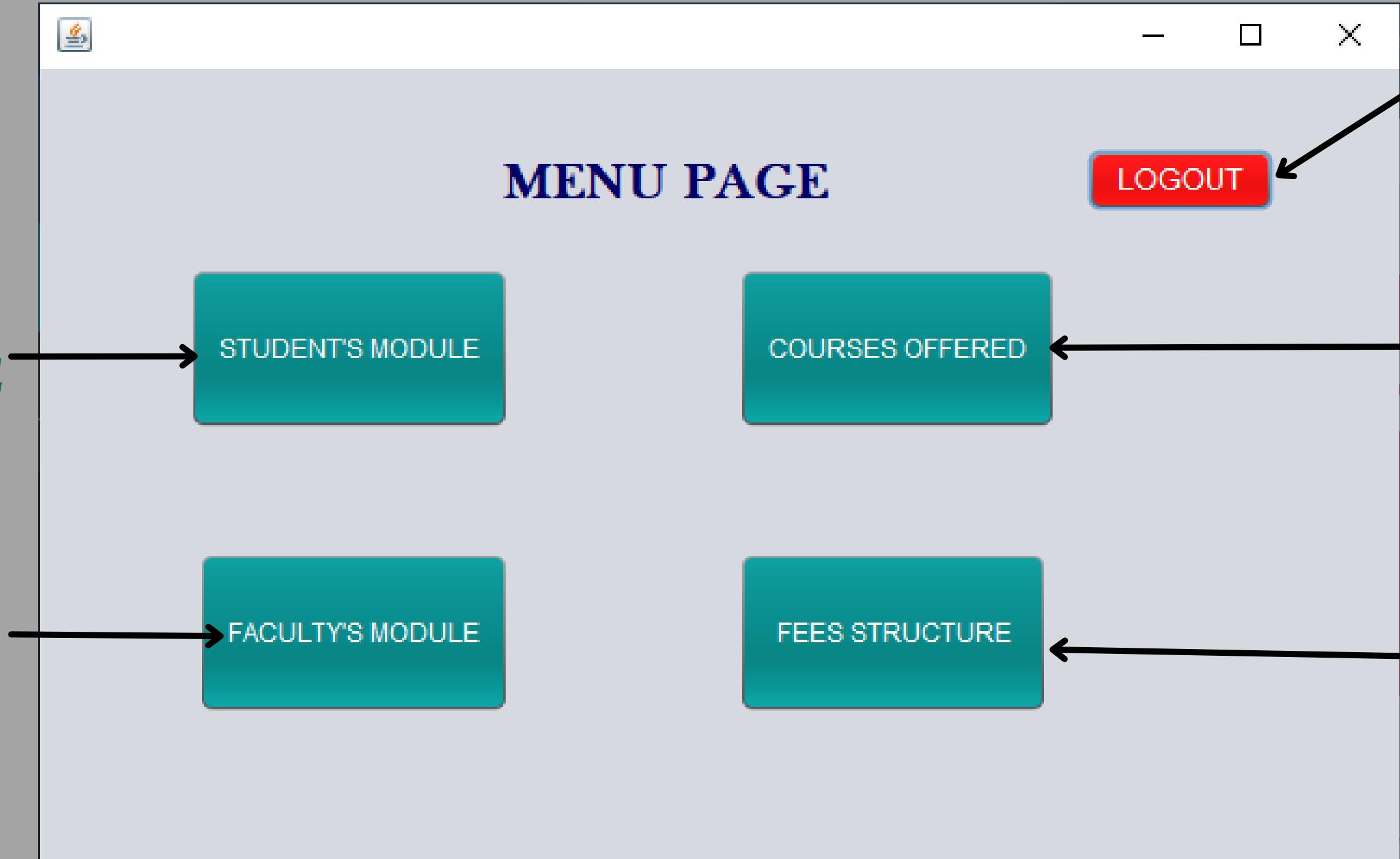
ENTER USERNAME

ENTER PASSWORD

CLICK ON LOGIN TO GET THE SYSTEM  
MODULE

FORGOT PASSWORD?

CLICK HERE AND ENTER  
THE CODE AND GET THE  
USERNAME AND PASSWORD



IT WILL OPEN  
STUDENT MODULE

IT WILL OPEN  
FACULTY MODULE

CLICK HERE TO  
LOG OUT FROM  
THE SYSTEM

IT WILL OPEN  
COURSES OFFERED

IT WILL OPEN FEES  
STRUCTURE

# STUDENT MODULE

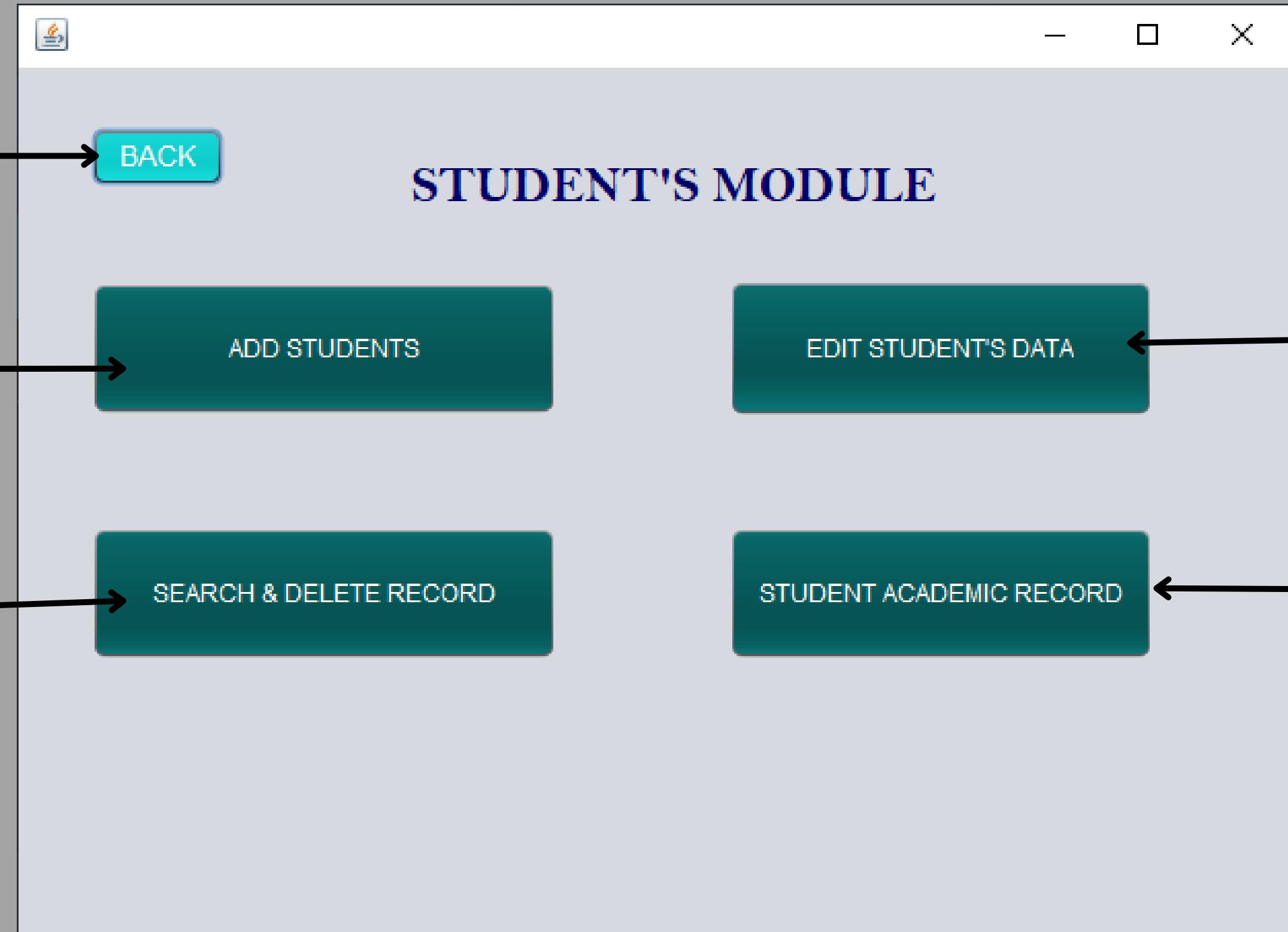
CLICK HERE  
TO GO BACK  
TO MENU PAGE

IT WILL  
ADD STUDENT

IT WILL SEARCH  
AND DELETE A  
STUDENT

IT WILL  
EDIT STUDENT

IT WILL SHOW  
STUDENT  
ACADEMIC  
DETAILS



# ADD STUDENT

CLICK HERE  
TO GO BACK  
TO STUDENT  
MODULE

The screenshot shows a 'STUDENT REGISTRATION' window. At the top left is a 'BACK' button. The main area is divided into two sections: 'REGISTRATION INFORMATION:' and 'GENERAL INFORMATION:'. 'REGISTRATION INFORMATION:' contains fields for STUDENT ID, FULL NAME, REGISTRATION DATE, and ADMISSION TYPE. 'GENERAL INFORMATION:' contains fields for MOTHER'S NAME, DATE OF BIRTH, BIRTH PLACE, GENDER, D2D ADMISSION, UNIVERSITY, INSTITUTE, BRANCH, ACADEMIC YEAR, and ADMISSION DATE. To the right of these fields is a 'LOCAL ADDRESS:' section with fields for ADDRESS, CITY, STATE, COUNTRY, EMAIL, and PHONE NO. At the bottom right is a green 'ADD STUDENT' button. Several black arrows point from the surrounding text instructions to various fields in the form.

STUDENT REGISTRATION

REGISTRATION INFORMATION:

STUDENT ID:

FULL NAME:

REGISTRATION DATE:

ADMISSION TYPE:

GENERAL INFORMATION:

MOTHER'S NAME:

DATE OF BIRTH:  ADMISSION YEAR:

BIRTH PLACE:  GUJCET NO.:

GENDER:  ACPC NO.:

D2D ADMISSION:  RELIGION:

UNIVERSITY:  SUBCASTE:

INSTITUTE:  NATIONALITY:

BRANCH:  MOTHER TONGUE:

ACADEMIC YEAR:  MARTIAL STATUS:

ADMISSION DATE:  BLOOD GROUP:

LOCAL ADDRESS:

ADDRESS:

CITY:

STATE:

COUNTRY:

EMAIL:

PHONE NO.:

ADD STUDENT

ENTER THE  
FOLLOWING  
DETAILS

CLICK ON ADD  
STUDENT TO  
ADD DETAILS

# EDIT STUDENT DATA

ENTER STUDENT ID

SEARCH STUDENT  
WITH SIMILAR ID

CLICK HERE  
TO GO BACK  
TO STUDENT  
MODULE

The screenshot shows a window titled "EDIT STUDENT DATA". At the top left is a "BACK" button. In the center is a red "EDIT STUDENT DATA" label. Below it is a search bar labeled "ENTER STUDENT ID" and a green "SEARCH" button. The window is divided into sections: "REGISTRATION INFORMATION" (Student ID, Full Name, Registration Date, Admission Type), "GENERAL INFORMATION" (Mother's Name, Date of Birth, Birth Place, Gender, D2D Admission, University, Institute, Branch, Academic Year, Admission Date), and "LOCAL ADDRESS" (Address, City, State, Country, Email, Phone No.). At the bottom right is a blue "UPDATE" button.

REGISTRATION INFORMATION:

STUDENT ID:

FULL NAME:

REGISTRATION DATE:

ADMISSION TYPE:

GENERAL INFORMATION:

MOTHER'S NAME:

DATE OF BIRTH:  ADMISSION YEAR:

BIRTH PLACE:  GUJCET NO.:

GENDER:  ACPC NO.:

D2D ADMISSION:  RELIGION:

UNIVERSITY:  SUBCASTE:

INSTITUTE:  NATIONALITY:

BRANCH:  MOTHER TONGUE:

ACADEMIC YEAR:  MARTIAL STATUS:

ADMISSION DATE:  BLOOD GROUP:

LOCAL ADDRESS:

ADDRESS:

CITY:

STATE:

COUNTRY:

EMAIL:

PHONE NO.:

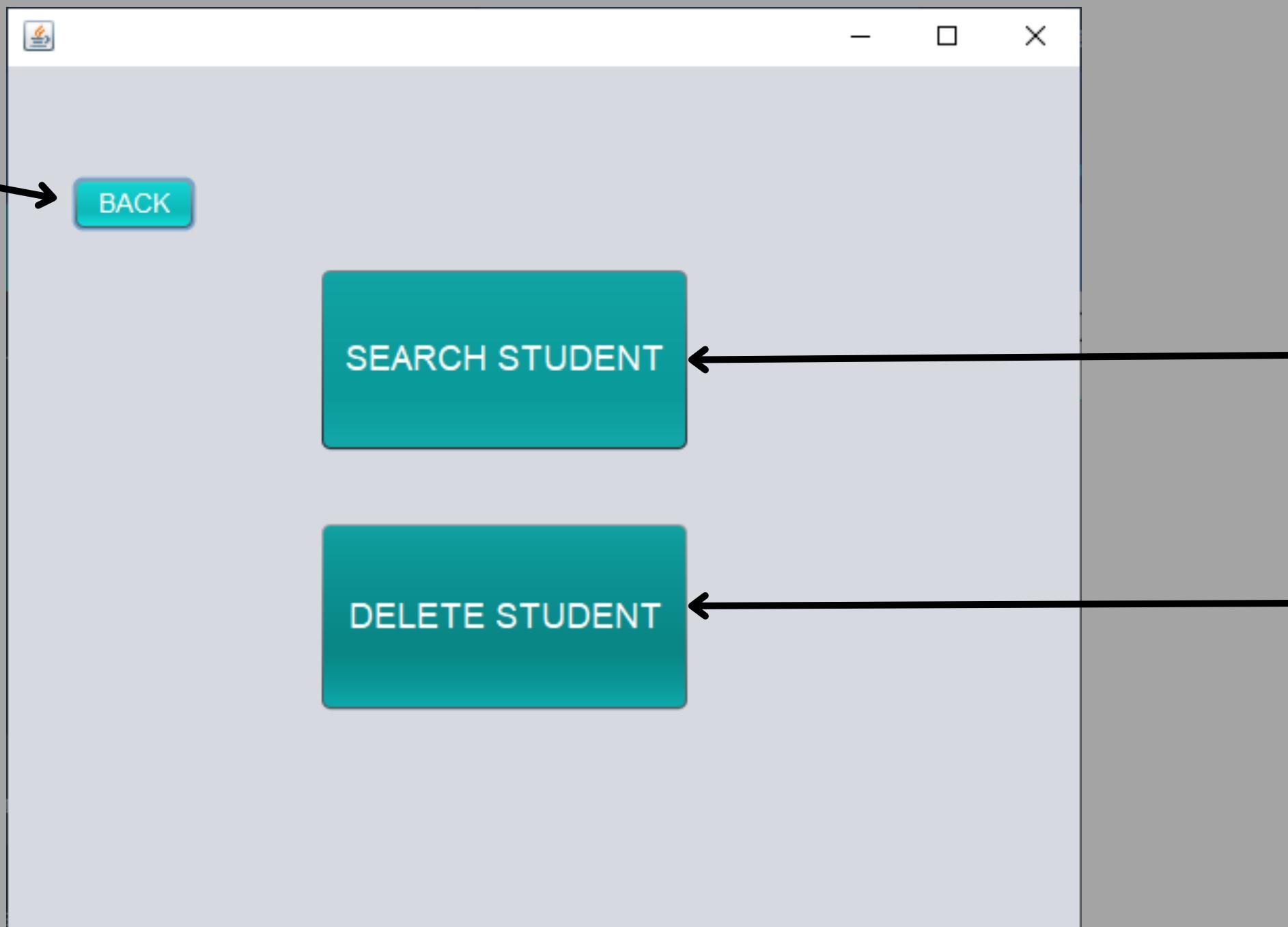
UPDATE

ENTER THE  
UPDATED  
DETAILS

CLICK HERE TO  
UPDATE THE  
RECORD

# SEARCH AND DELETE STUDENT

CLICK HERE  
TO GO BACK  
TO STUDENT  
MODULE



CLICK HERE TO  
SEARCH STUDENT  
DETAIL

CLICK HERE TO  
DELETE STUDENT  
DETAIL

ENTER STUDENT ID

# SEARCH STUDENT

SEARCH STUDENT  
WITH SIMILAR ID

CLICK HERE  
TO GO BACK  
TO SEARCH  
AND DELETE

The screenshot shows a window titled 'SEARCH STUDENT'. At the top left is a 'BACK' button. In the center is a red 'SEARCH STUDENT' button. Below it is a text input field labeled 'ENTER STUDENT ID' and a green 'SEARCH' button. The window contains two columns of form fields:

INSTITUTE	GENDER
ENROLLMENT NO.	D2D ADMISSION
NAME	BRANCH
REGISTRATION DATE	ACADEMIC YEAR
DATE OF BIRTH	
MOBILE NO:	
ADDRESS	
CITY	
STATE	
COUNTRY	
EMAIL	

IT WILL SHOW  
THE  
INFORMATION  
OF THE STUDENT

ENTER STUDENT ID

# DELETE STUDENT

SEARCH STUDENT  
WITH SIMILAR ID

CLICK HERE  
TO GO BACK  
TO SEARCH  
AND DELETE

The screenshot shows a Windows application window titled "DELETE STUDENTS DATA". The window has a title bar with a close button. Inside, there are two main sections: one for entering a student ID and another for searching by similar ID.

- Enter Student ID:** A text input field labeled "ENTER STUDENT ID". An arrow points from the text "ENTER STUDENT ID" to this field.
- Search by Similar ID:** A text input field labeled "SEARCH". An arrow points from the text "SEARCH STUDENT WITH SIMILAR ID" to this field.
- Back Button:** A blue "BACK" button located at the top left.
- Fields for Entering Student Data:** A grid of fields for "INSTITUTE", "NAME", "REGISTRATION DATE", "GENDER", "D2D ADMISSION", "BRANCH", "ACADEMIC YEAR", "DATE OF BIRTH", "MOBILE NO:", "ADDRESS", "CITY", "STATE", "COUNTRY", and "EMAIL".
- Delete Button:** A red "DELETE" button located at the bottom left.

IT WILL SHOW  
THE  
INFORMATION

CLICK HERE TO DELETE THE RECORD

# STUDENT ACADEMICS

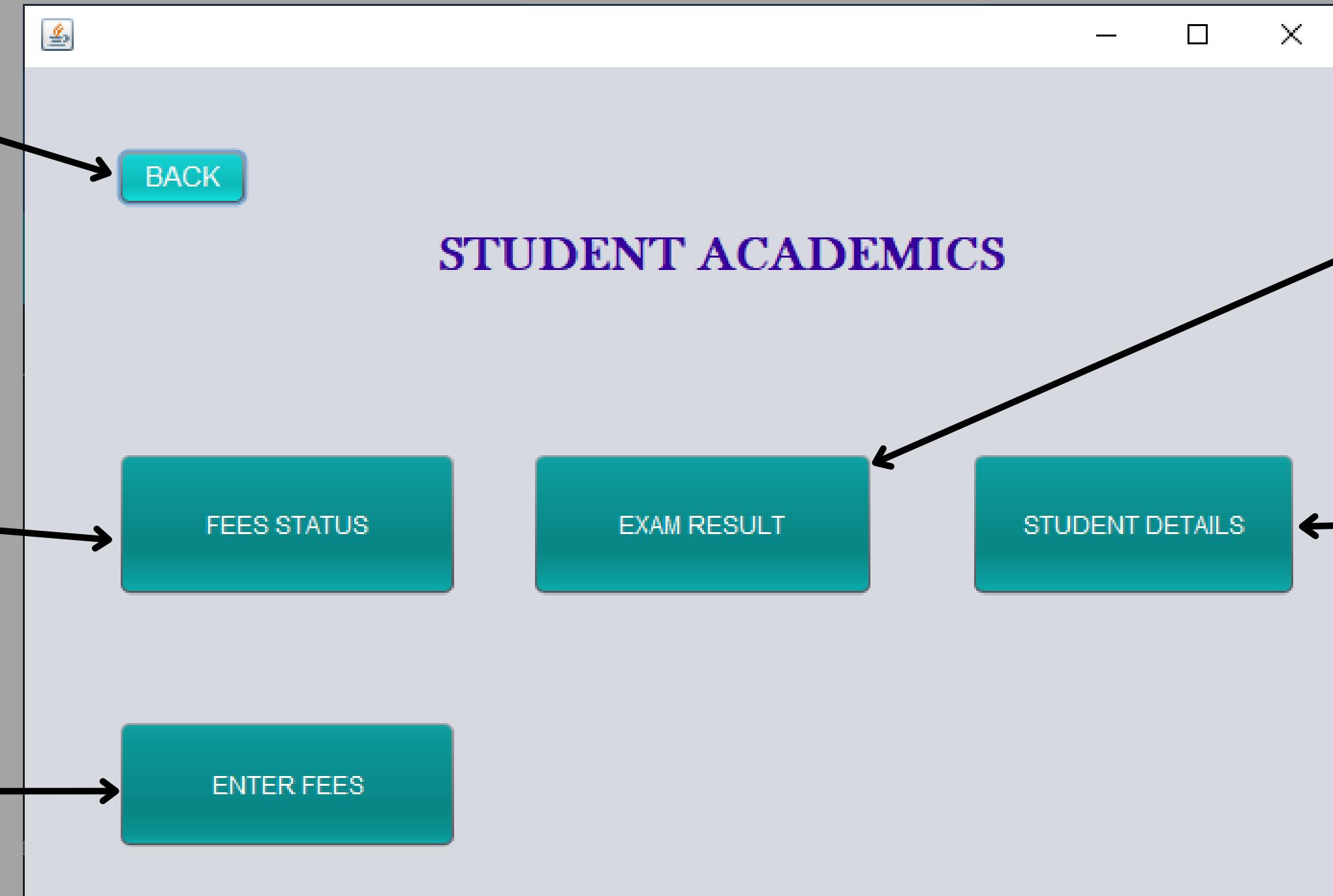
CLICK HERE  
TO GO BACK  
TO STUDENT  
MODULE

CLICK HERE  
TO SEE THE  
FEES STATUS

ENTER/UPDATE  
THE FEES

CLICK HERE TO SEE  
THE EXAM RESULT

CLICK HERE TO SEE  
THE STUDENT DETAIL



# FEES STATUS

CLICK HERE  
TO GO BACK

TO STUDENT ACADEMICS

ENTER STUDENT ID

The screenshot shows a Windows application window titled "FEES STATUS". The window has a standard title bar with minimize, maximize, and close buttons. Inside, there are several input fields and labels:

- ENTER STUDENT ID: An input field with a black arrow pointing to it from the text "ENTER STUDENT ID" on the left.
- STUDENT NAME: An input field.
- INSTITUTE: An input field.
- BRANCH: An input field.
- PAID: An input field.
- REMAINING: An input field.
- DATE: An input field.
- STATUS: An input field.

A green "SHOW" button is located to the right of the "ENTER STUDENT ID" input field. The window is centered on the screen.

CLICK HERE TO  
SEARCH FEES  
STATUS

# EXAM RESULT

CLICK HERE  
TO GO BACK

TO STUDENT ACADEMICS

ENTER STUDENT ID

CLICK HERE TO  
SEARCH  
STUDENTS  
MARKS

The screenshot shows a Windows application window titled "GET STUDENT MARKS". At the top left is a "BACK" button. On the left, there is a text input field labeled "ENTER STUDENT ID:" with a black arrow pointing to it from the text "ENTER STUDENT ID" on the left side of the image. On the right, there is a green "GET MARKS" button with a black arrow pointing to it from the text "CLICK HERE TO SEARCH STUDENTS MARKS" on the right side of the image. The main area contains fields for entering marks for various subjects:

Subject	Mark Range	Input Field
DBMS	(Out of 100)	<input type="text"/>
DS	(Out of 100)	<input type="text"/>
OOP	(Out of 100)	<input type="text"/>
AEM	(Out of 100)	<input type="text"/>
ED	(Out of 100)	<input type="text"/>
TOTAL	(OUT OF 500)	<input type="text"/>

CLICK HERE TO  
SEARCH  
STUDENTS  
INFORMATION

# STUDENT DETAILS

CLICK HERE  
TO GO BACK  
TO STUDENT  
ACADEMICS

ENTER STUDENT ID

**STUDENT INFORMATION**

ENTER STUDENT ID  SEARCH

**REGISTRATION INFORMATION:**

STUDENT ID:   
FULL NAME:   
REGISTRATION DATE:   
ADMISSION TYPE:

**GENERAL INFORMATION:**

MOTHER'S NAME: <input type="text"/>	ADMISSION YEAR: <input type="text"/>
DATE OF BIRTH: <input type="text"/>	GUJCET NO.: <input type="text"/>
BIRTH PLACE: <input type="text"/>	ACPC NO.: <input type="text"/>
GENDER: <input type="text"/>	RELIGION: <input type="text"/>
D2D ADMISSION: <input type="text"/>	SUBCASTE: <input type="text"/>
UNIVERSITY: <input type="text"/>	NATIONALITY: <input type="text"/>
INSTITUTE: <input type="text"/>	MOTHER TONGUE: <input type="text"/>
BRANCH: <input type="text"/>	MARTIAL STATUS: <input type="text"/>
ACADEMIC YEAR: <input type="text"/>	BLOOD GROUP: <input type="text"/>
ADMISSION DATE: <input type="text"/>	

**LOCAL ADDRESS:**

ADDRESS:   
CITY:   
STATE:   
COUNTRY:   
EMAIL:   
PHONE NO.:

# UPDATE FEES

CLICK HERE  
TO GO BACK  
TO STUDENT  
ACADEMICS

ENTER STUDENT  
ID

CLICK HERE TO  
SEARCH  
STUDENTS  
INFORMATION

The screenshot shows a window titled "ENTER FEES". At the top left is a "BACK" button. On the right side of the window are three control buttons: a minus sign for window size, a square for window state, and an "X" for close. Below the title, there are eight input fields with labels: "ENTER STUDENT ID:", "STUDENT NAME", "INSTITUTE", "BRANCH", "PAID", "REMAINING", "DATE", and "STATUS". To the right of each label is a white input field. To the right of the "PAID" field is a green "SHOW" button. At the bottom of the window is a blue "ENTER" button.

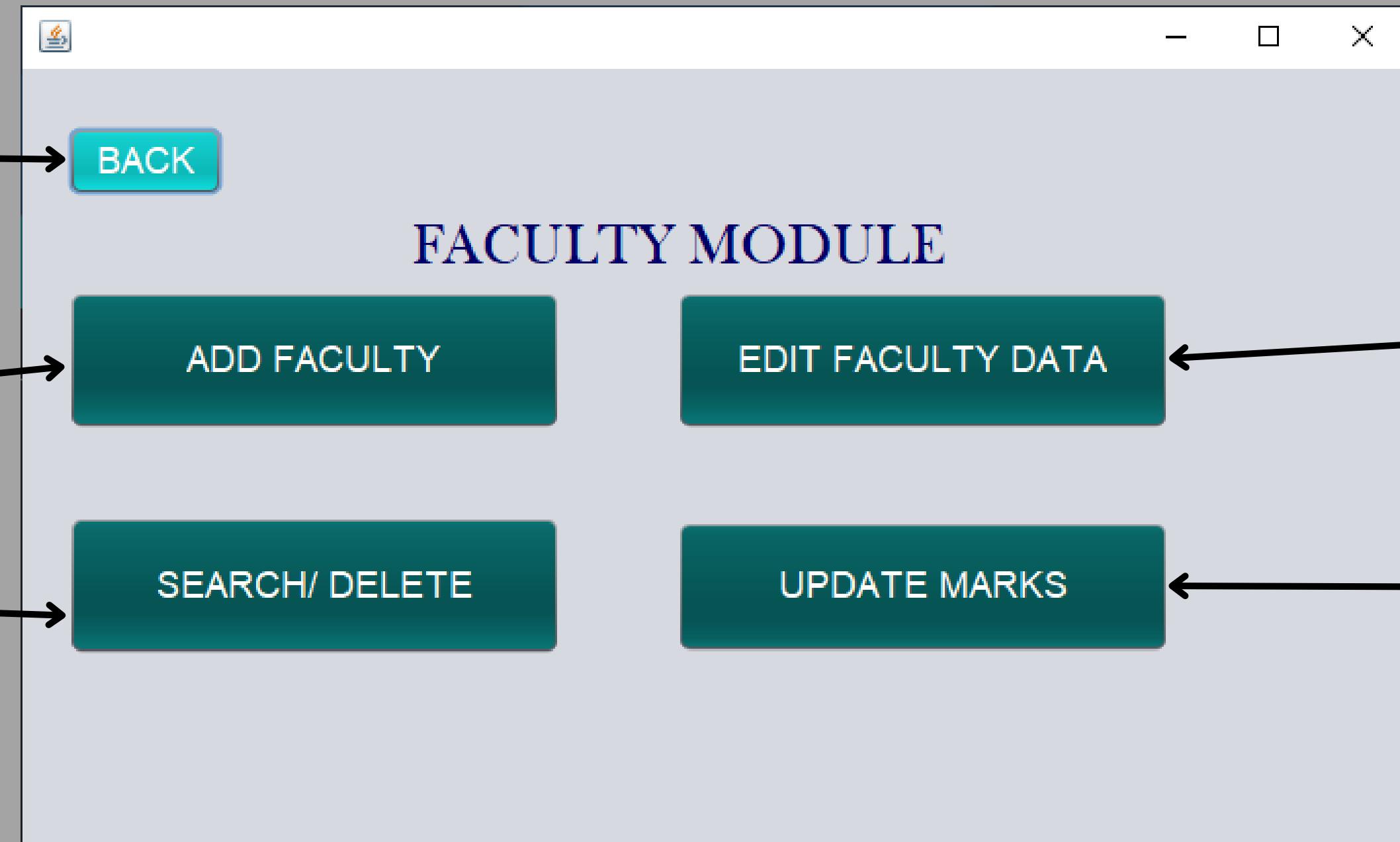
# FACULTY MODULE

CLICK HERE  
TO GO BACK  
TO MENU PAGE

IT WILL  
ADD FACULTY

IT WILL SEARCH  
AND DELETE A  
FACULTY

IT WILL  
EDIT FACULTY  
IT WILL  
UPDATE MARKS



# ADD FACULTY

CLICK HERE

TO GO BACK

TO FACULTY MODULE

ENTER TEACHER ID

ENTER DATA  
OF FACULTY

CLICK ON ADD  
TO ADD  
FACULTY  
DETAIL

The screenshot shows a window titled "FACULTY REGISTRATION". At the top left is a "BACK" button. The form contains the following fields:

Teacher ID:	First Name	Middle Name	Last Name
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Email ID	Gender:	Phone No.
<input type="text"/>	<input type="text"/>	<input type="text"/>

Aadhar No.	Qualification:	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>

Date of Joining	Subject	Address:
<input type="text"/>	<input type="text"/>	<input type="text"/>

At the bottom center is a green "ADD" button.

# EDIT FACULTY DATA

CLICK HERE  
TO GO BACK  
TO FACULTY MODULE

ENTER TEACHER ID

The screenshot shows a window titled "UPDATE FACULTY DATA". At the top left is a "BACK" button. To its right is a search bar labeled "ENTER FACULTY ID:" with a "SEARCH" button. Below the search bar is a "ID:" field. The main area contains nine input fields arranged in three rows of three:

First Name	Middle Name	Last Name
Email ID	Gender	Mobile Number
Aadhar No.	Qualification:	Status

Below these fields are two more input fields: "Date of Joining" and "Subject" in the first row, and "Address:" in the second row. At the bottom left is a blue "UPDATE" button.

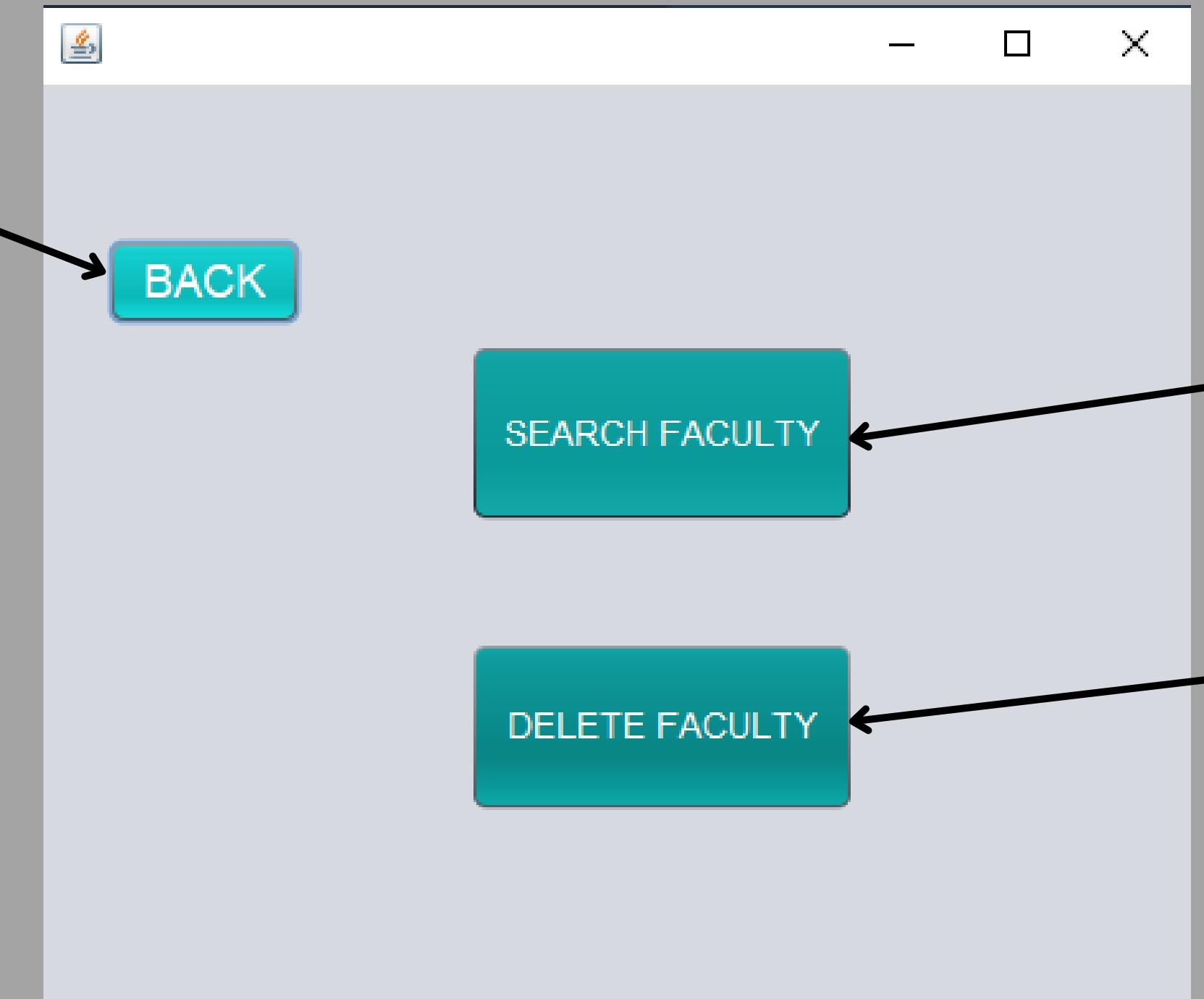
CLICK HERE TO  
SEARCH FACULTY  
INFORMATION

ENTER THE  
UPDATED  
DETAILS

CLICK HERE TO  
UPDATE THE  
RECORD

# SEARCH AND DELETE FACULTY

CLICK HERE  
TO GO BACK  
TO FACULTY MODULE



CLICK HERE TO  
SEARCH FACULTY  
DETAIL

CLICK HERE TO  
DELETE FACULTY  
DETAIL

# SEARCH FACULTY

CLICK HERE  
TO GO BACK  
TO SEARCH AND  
DELETE FACULTY

ENTER TEACHER ID

SEARCH FACULTY DATA

ENTER FACULTY ID:

SEARCH

D:

First Name:

Middle Name:

Last Name:

Email ID:

Gender:

Mobile Number:

Aadhar No.:

Status:

Date of Joining:

Subject:

Address:

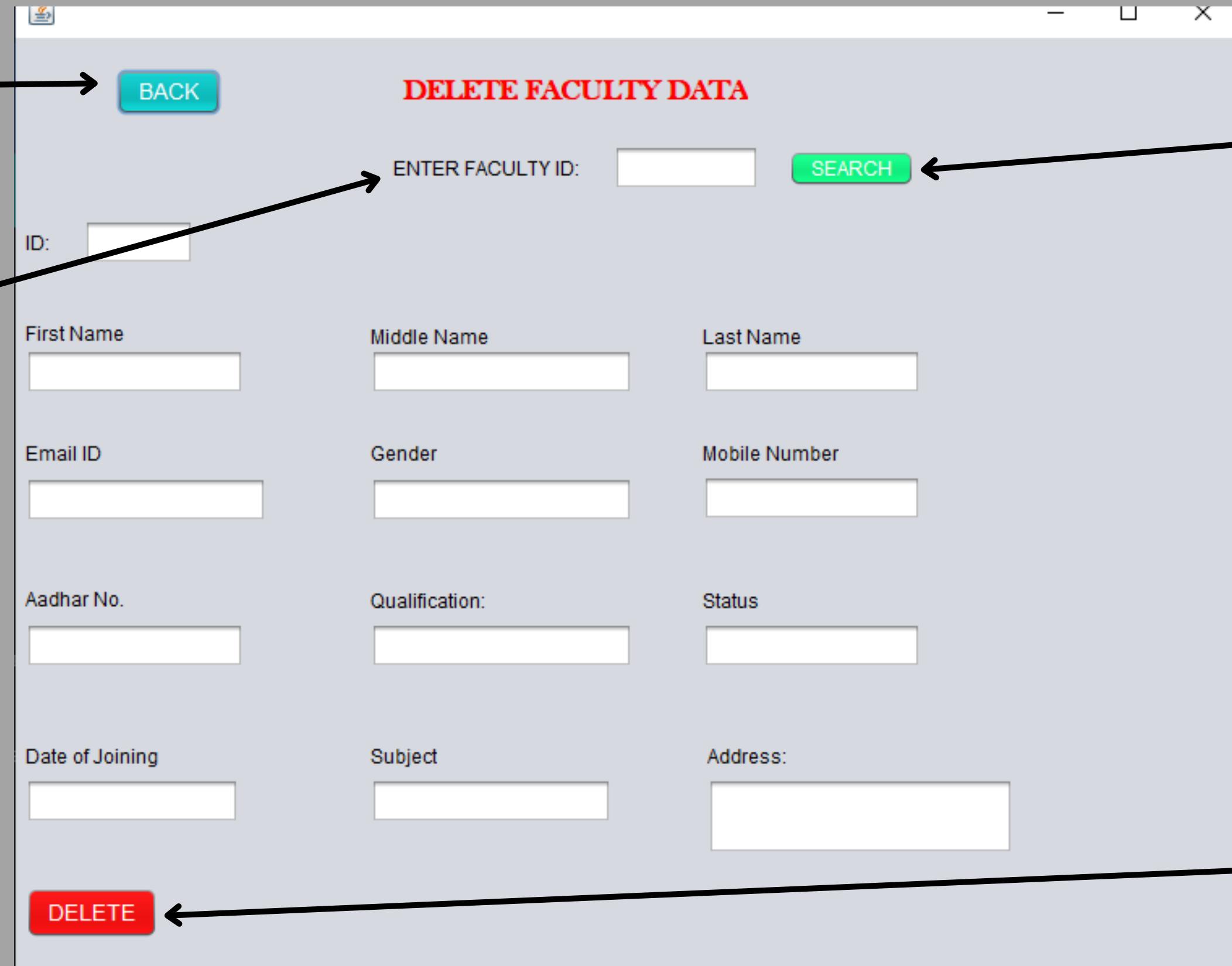
CLICK HERE TO  
SEARCH FACULTY  
INFORMATION

IT WILL SHOW  
THE  
INFORMATION  
OF THE FACULTY

# DELETE FACULTY

CLICK HERE  
TO GO BACK  
TO SEARCH AND  
DELETE FACULTY

ENTER TEACHER ID



CLICK HERE TO  
SEARCH FACULTY  
INFORMATION

CLICK HERE TO  
DELETE THE  
RECORD

# ADD/UPDATE STUDENT MARKS

CLICK HERE TO GO  
BACK TO FACULTY  
MODULE

ENTER  
STUDENTID  
WHOSE MARKS  
YOU WANT TO  
ADD/UPDATE

CLICK HERE TO  
ADD OR UPDATE  
THE MARKS

The screenshot shows a Java Swing application window titled "UPDATE STUDENT MARKS". The window has a title bar with standard window controls (minimize, maximize, close). Inside, there is a "BACK" button on the left and a "GET MARKS" button on the right. A text input field for "ENTER STUDENT ID:" is positioned above a row of five input fields, each labeled with a subject name and its maximum marks: "DBMS(Out of 100)", "DS(Out of 100)", "OOP(Out of 100)", "AEM(Out of 100)", and "ED(Out of 100)". Below these is a final input field labeled "TOTAL(OUT OF 500)". At the bottom of the window is an "UPDATE" button.

BACK

ENTER STUDENT ID:

DBMS(Out of 100)

DS(Out of 100)

OOP(Out of 100)

AEM(Out of 100)

ED(Out of 100)

TOTAL(OUT OF 500)

GET MARKS

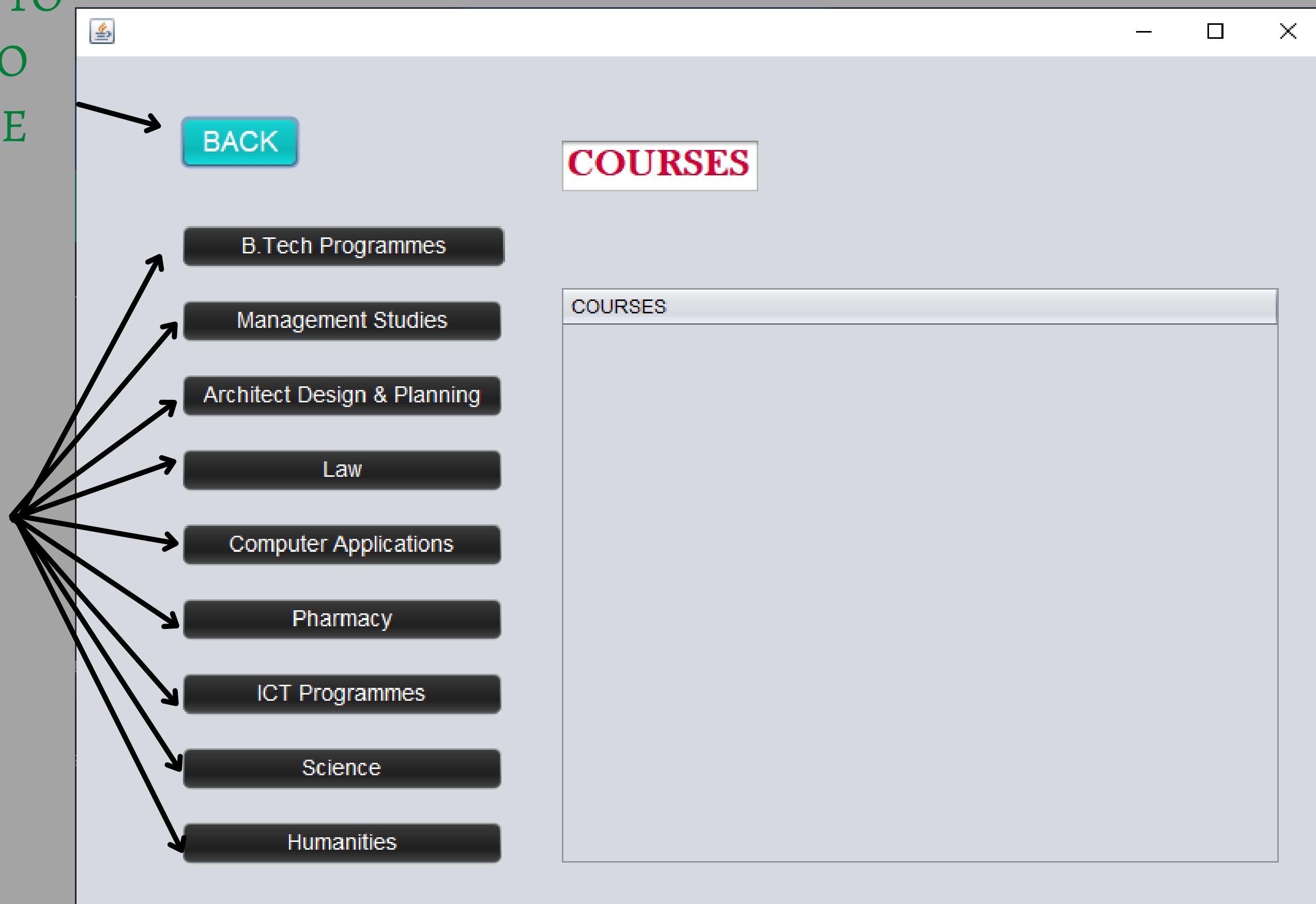
UPDATE

CLICK HERE TO  
GET THE MARKS

# COURSES OFFERED

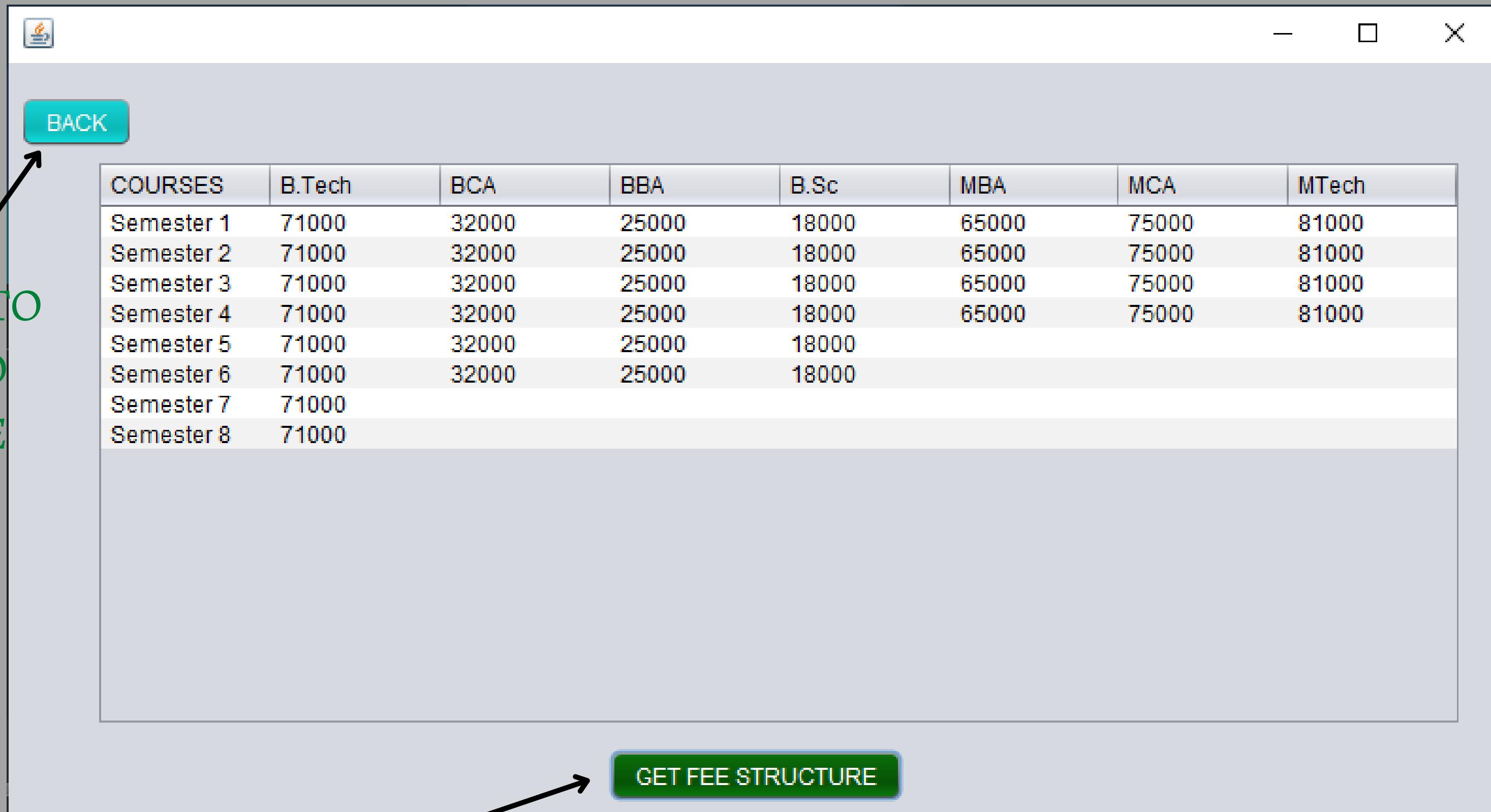
**CLICK HERE TO  
GO BACK TO  
MENU PAGE**

**CLICK HERE TO GET  
THE DIFFERENT  
COURSES OFFERED  
BY INSTITUTE**



# **COLLEGE FEES MODULE**

**CLICK HERE TO  
GO BACK TO  
MENU PAGE**



A screenshot of a Windows application window titled 'FEE STRUCTURE'. The window contains a table showing fees for various courses across eight semesters. A 'BACK' button is at the top left, and a 'GET FEE STRUCTURE' button is at the bottom right. A black arrow points from the text 'CLICK HERE TO GO BACK TO MENU PAGE' to the 'BACK' button. Another black arrow points from the text 'CLICK HERE TO GET THE FEES STRUCTURE' to the 'GET FEE STRUCTURE' button.

COURSES	B.Tech	BCA	BBA	B.Sc	MBA	MCA	MTech
Semester 1	71000	32000	25000	18000	65000	75000	81000
Semester 2	71000	32000	25000	18000	65000	75000	81000
Semester 3	71000	32000	25000	18000	65000	75000	81000
Semester 4	71000	32000	25000	18000	65000	75000	81000
Semester 5	71000	32000	25000	18000			
Semester 6	71000	32000	25000	18000			
Semester 7	71000						
Semester 8	71000						

**CLICK HERE TO GET THE  
FEES STRUCTURE**

**FUTURE ENHANCEMENT**

- IN THIS PROJECT WE HAVE FOCUSED ON STUDENT MODULE MAXIMUM. IN FUTURE WE CAN ADD MORE FEATURES TO FACULTY MODULE AND IN THE SYSTEM TOO.
- WE CAN ADD FACULTY'S AS WELL AS STUDENT'S ATTENDANCE IN THIS SYSTEM.
- FOR NOW WE ARE SHOWING MARKS OF PARTICULAR SEMESTER BUT IN FUTURE WE CAN ADD OPTION WHICH WILL ASK US IN WHICH SEMESTER WE ARE AND WILL DISPLAY THE MARKS AND OTHER DATA ACCORDINGLY.
- WE CAN SHOW PROJECT REVIEW AND MARKS OF STUDENT.
- FOR COURSES OFFERED, THE CONTENTS ARE OVERLAPPING SO WE CAN OVERCOME THEM IN FUTURE.
- THE FEES MODULE OF THE COLLEGE, WE CAN ONLY SEE IT BUT WE CAN ALSO MAKE IT VARIABLE I.E., UPDATING IT IN THE TABLE ITSELF AND RESULT CAN BE SEEN ON DATABASE TOO.
- WE CAN ALSO ADD THE ABOUT US AND CONTACT US IN THE MODULE
- AS OF NOW, WE FOUND ONLY THESE FUTURE ENHANCEMENT BUT WILL SURELY ADD SOME IF WE FOUND SOME.

# CONCLUSION

- SINCE THE SYSTEM IS GIVING ENOUGH CHOICES, THE TIME TO FIND/ UPDATE THE DATA OF SPECIFIC STUDENT OR FACULTY CAN BE REDUCED.
- WE CAN ADD AND UPDATE THE MARKS OF STUDENTS.
- WE CAN UPDATE THE FEES STATUS OF SPECIFIC STUDENT COMPARATIVELY FAST.
- THIS SYSTEM HELPS TO MANAGE THE STUDENTS, FACULTY, INSTITUTES DATA SEPERATELY AND MORE PRECISELY AND SYSTEMATIC WHEN COMPARED TO PHYSICALLY STORED DATA.

Thank  
you!