EDUCATIONAL WEB PORTAL

Guide: Ms. Dhanya Anto

Group Members: Gouri Raj

Delvin Sunny

Vivek P D

Yadhu Krishnan N S

Overview of Project

- This project is aimed at developing a web-based portal for Divine Bible College Learning Centre (DBCLC), Thrissur.

- It is designed to digitize the academic and administrative processes of the institute of theology under the DBCLC.

- The platform provides features like student registration, course enrollment, fee management and academic resource sharing.

Functional Requirements

Student Management:
- Registration
- Fee payment
- Course enrollment
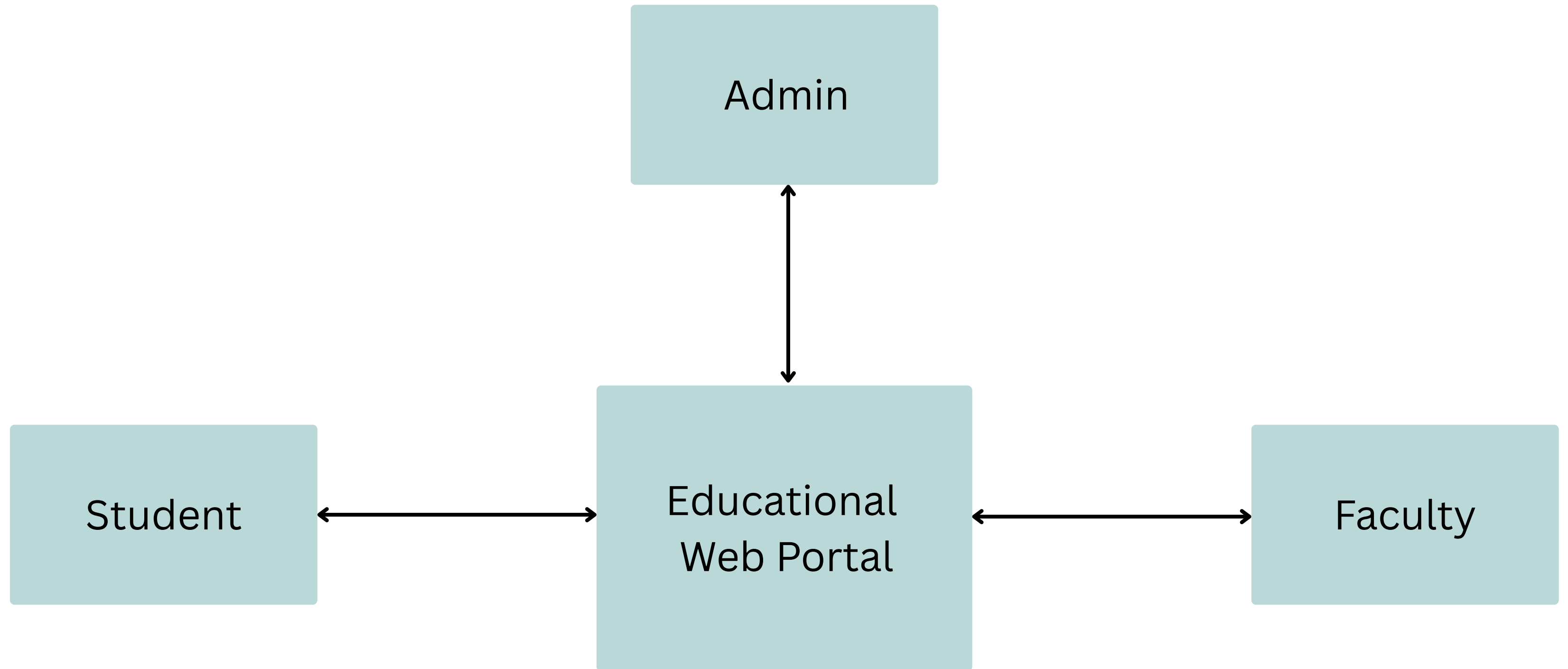- View course content and materials
- Submit assignments
- View marks

Faculty Interaction:
- Registration
- Upload course content and materials
- create and view assignments

Admin panel:
- Approve registrations
- Course management(Add/modify/edit courses)
- Student management (Add,modify,delete users)
- Upload marklist
- Upload attendance
- View reports(student/course/fees)
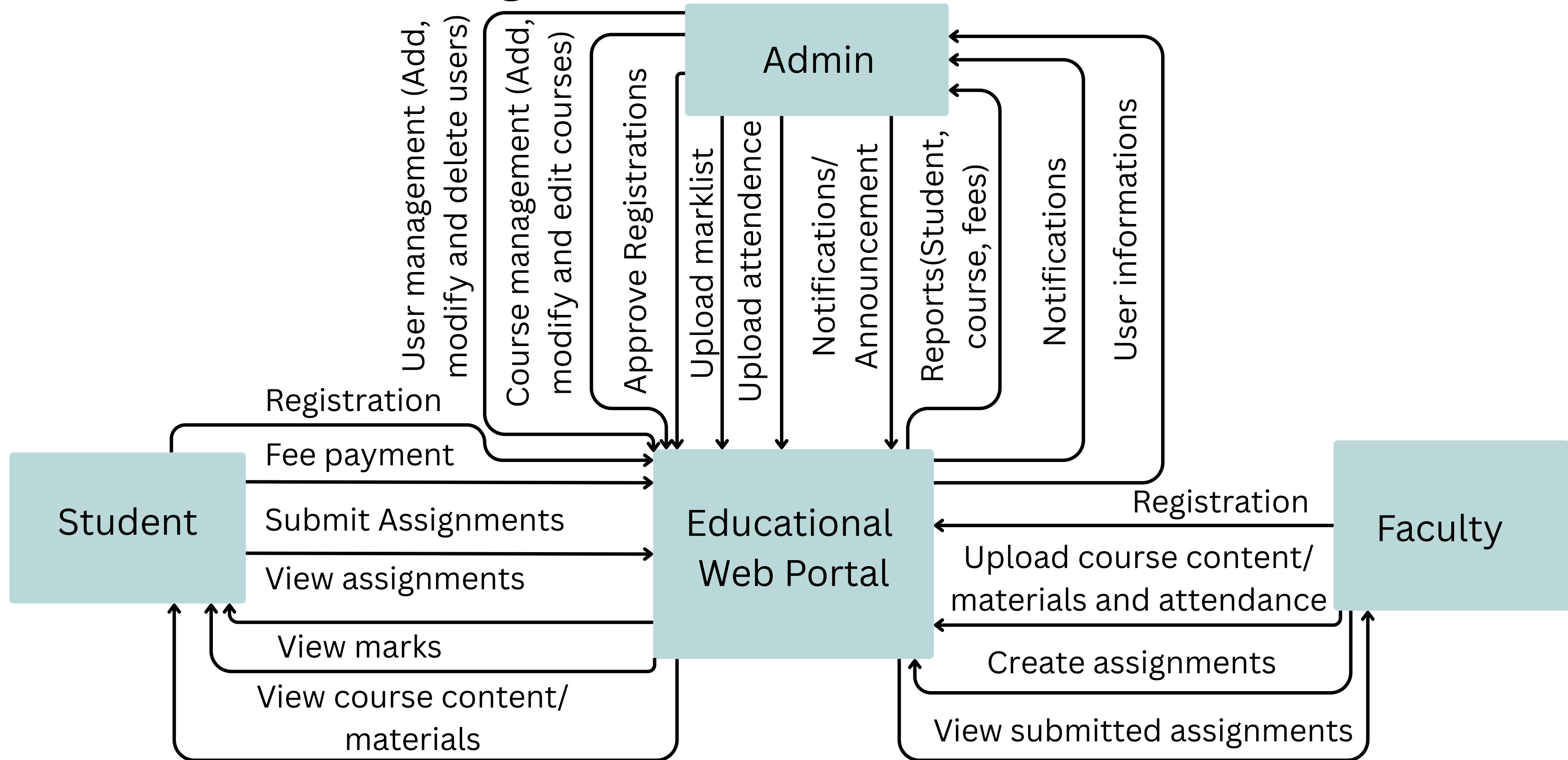- Post notifications and announcements

Academic Resource Sharing:
- Notes
- Assignments
- Performance data.

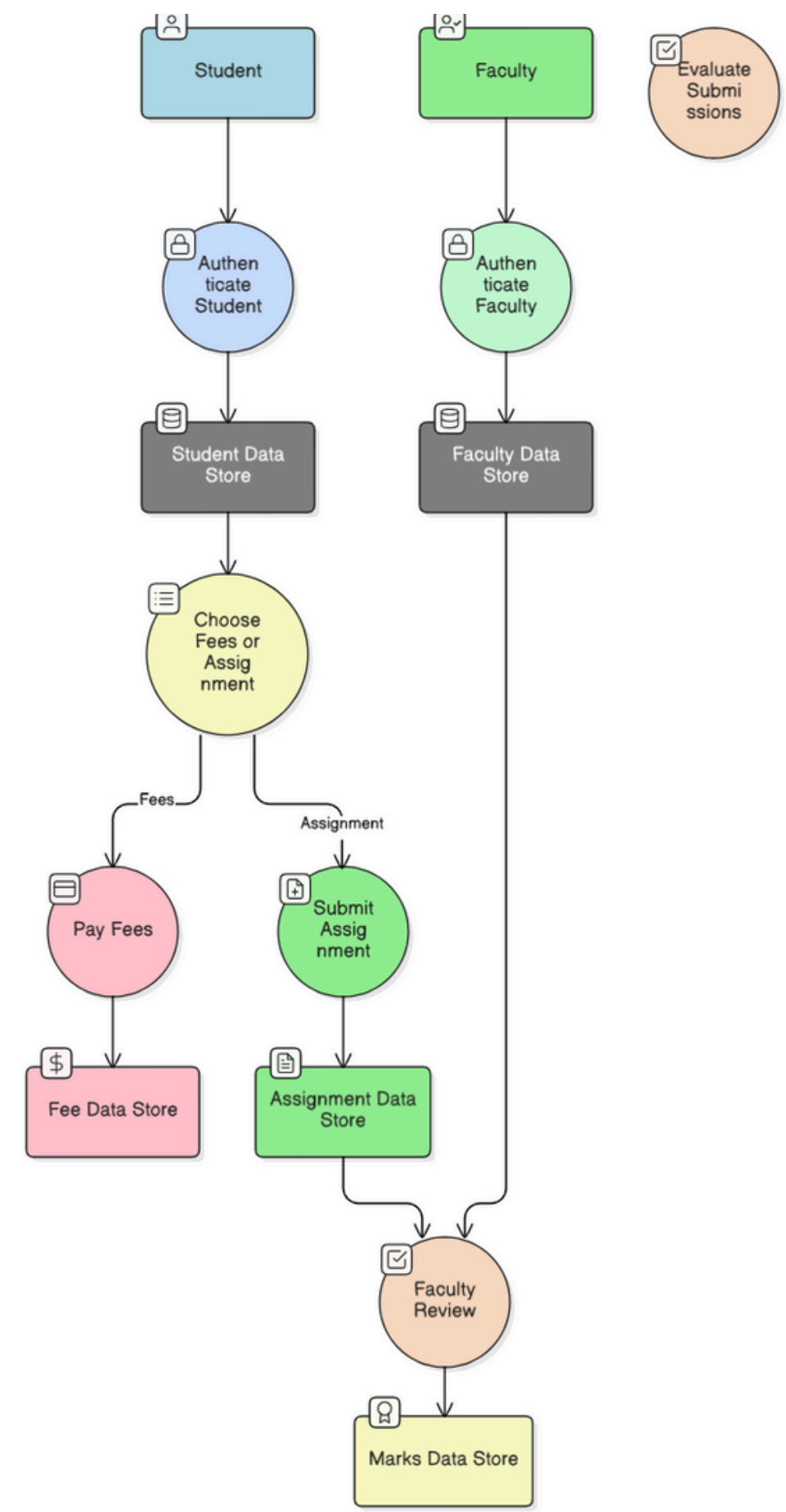**Secure Login:**   Role-based access (Student, Faculty, Admin)
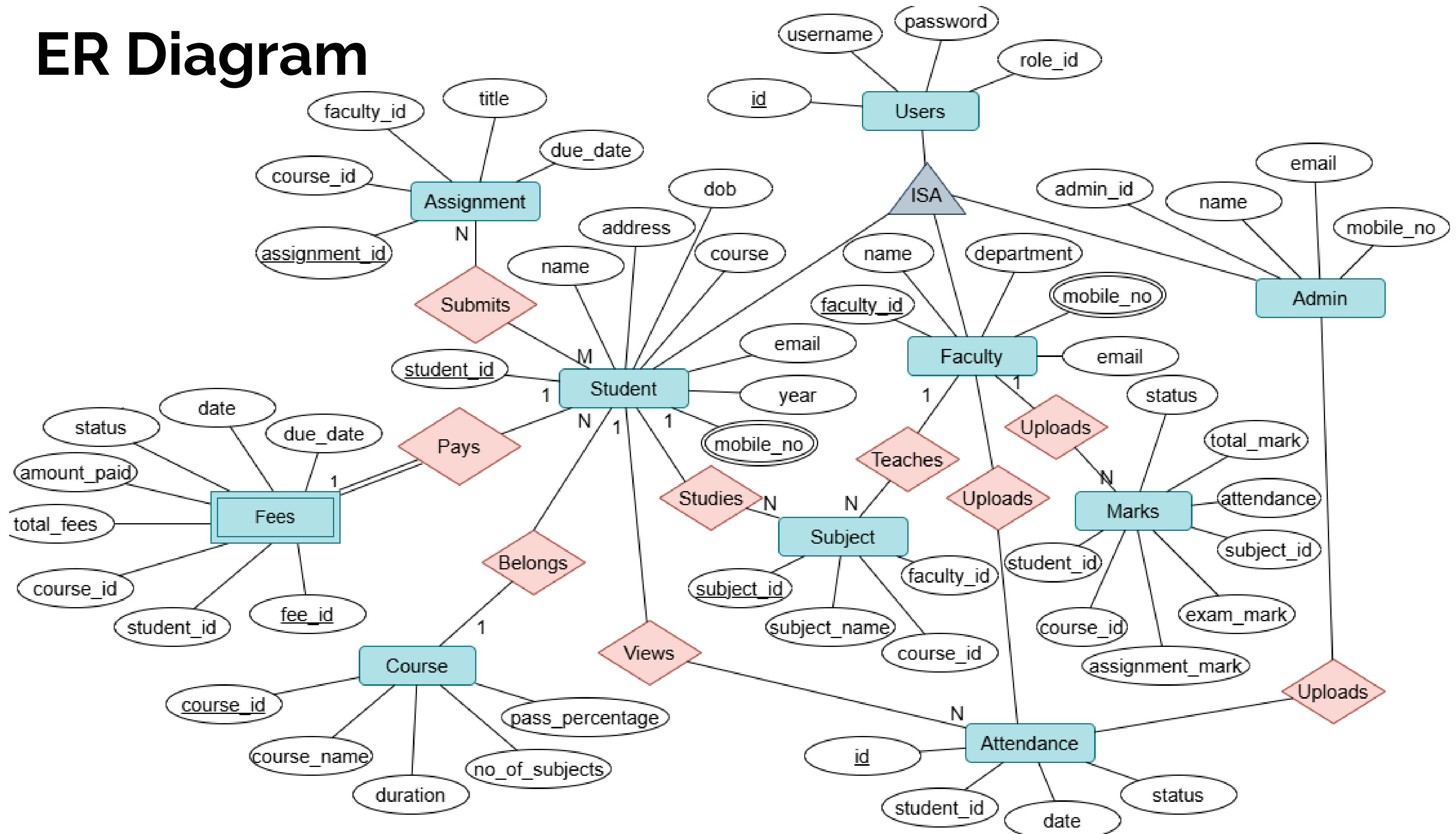
Data Flow Diagram (Level 0)

Data Flow Diagram (Level 1)

Admin

- User management (Add, modify and delete users)
- Course management (Add, modify and edit courses)
- Approve Registrations
- Upload marklist
- Upload attendance
- Notifications/ Announcement
- Reports(Student, course, fees)
- Notifications
- User informations

Student

- Registration
- Fee payment
- Submit Assignments
- View assignments
- View marks
- View course content/ materials

Educational Web Portal

Faculty

- Registration
- Upload course content/ materials and attendance
- Create assignments
- View submitted assignments

Data Flow Diagram (Level 2)

ER Diagram

Table Structures

Table name: Faculty
Table Description: To store faculty details

Attributes	Datatype	Size	Constraint
faculty_id	Varchar	10	Primary key
name	Varchar	20	
email	Varchar	20	
department	Varchar	20	
phone_no	Int		
last_updated_by	Varchar	20	
last_updated_on	Date		

Table name: users
Table Description: To store users login details

Attributes	Datatype	Size	Constraint
id	Varchar	10	Primary key
username	Varchar	20	
password	Varchar	20	
role_id	Int	20	Foreign key

Table name: Student
Table Description: To store student details

Attributes	Datatype	Size	Constraint
student_id	Varchar	10	Primary key
name	Varchar	20	
house_name	Varchar	50	
post_office	Varchar	20	
place	Date	20	
district	Varchar	20	
state	Varchar	20	
pin	Int		
dob	Date		
sex	Varchar	10	
course	Varchar	20	
father	Varchar	20	
mother	Varchar	20	
religion_caste	Varchar	20	
nationality	Varchar	20	
qualification	Varchar	20	
email	Varchar	20	
whatsapp_no	Int		
year	Int		
last_updated_by	Varchar	20	
last_updated_on	Date		

Table name: Subject
Table Description: To store subject details

Attributes	Datatype	Size	Constraint
subject_id	Varchar	10	Primary key
subject_name	Varchar	20	
course_id	Varchar	20	Foreign key
facility_id	Varchar	20	Foreign key

Table name: Course
Table Description: To store course details

Attributes	Datatype	Size	Constraint
course_id	Varchar	10	Primary key
course_name	Varchar	20	
duration	Varchar	20	
no_of_subjects	Int		
pass_percentage	Numeric	5,2	

Table name: Roles

Table Description: To store types of users

Attributes	Datatype	Size	Size
role_id	Varchar	10	Primary key
role	Varchar	20	

Table name: Attendance

Table Description: To store attendance details

Attributes	Datatype	Size	Size
id	Varchar	10	Primary key
student_id	Varchar	20	Foreign key
attendance_date	Date		
status	Varchar	10	
remarks	Varchar	30	
created_at	Date		
updated_at	Date		

Table name: Temp_student
Table Description: To store applicant details

Attributes	Datatype	Size	Size
id	Varchar	10	Primary key
candidate_name	Varchar	20	
full_address	Varchar	50	
course_name	Varchar		
date_of_birth	Date		
father_name	Varchar	20	
religion_caste	Varchar	20	
nationality	Varchar	20	
educational_qualification	Varchar	20	
email	Varchar	20	
mobile_no	Int		
status	Varchar	10	
created_at	Timestamp		
photo_path	Varchar	100	
payment_status	Varchar	20	
course_fee	Int		
academic_year	Int		

Table name: Fees
Table Description: To store fee details

Attributes	Datatype	Size	Constraint
fee_id	Varchar	20	Primary key
student_id	Varchar	20	Foreign key
course_id	Varchar	20	Foreign key
total_fees	Numeric	8,2	
amount_paid	Numeric	8,2	
payment_status	Varchar	10	
date	Date		
due_date	Date		

Table name: Assignment
Table Description: To store assignment details

Attributes	Datatype	Size	Constraint
assignment_ID	Varchar	20	Primary key
course_ID	Varchar	20	Foreign key
facility_ID	facility_ID	20	Foreign key
title	Varchar	20	
due_date	Date		

Table name: Mark
Table Description: To store marks

Attributes	Datatype	Size	Constraint
student_id	Varchar	20	Primary key
course_id	Varchar	20	Foreign key
subject_id	Varchar	20	Foreign key
exam_mark	Numeric	5,2	
assignment_mark	Numeric	5,2	
attendance	Date		
total_mark	Numeric	5,2	
status	Char	1	

Table name: Student_course

Attributes	Datatype	Size	Constraint
student_id	Varchar	20	Foreign key
course_id	Varchar	20	Foreign key

Table name: Faculty_subject

Attributes	Datatype	Size	Constraint
faculty_id	Varchar	20	Foreign key
subject_id	Varchar	20	Foreign key

Tools and Technologies

Frontend (Client-side): React.js

- Build dynamic, responsive components
- Communicates with backend

Backend (Server-side): Node.js (with Express.js)

- Manages APIs
- Handles request from front-end
- Validates user inputs

Database: MySQL

- Stores data
- Node.js connects to MySQL using package like mysql2

DBCLC
Institute of Theology

Home   Programs   Admissions   Contact

Student   Faculty   Admin

Modern Campus

State-of-the-art facilities for theological education

Explore Programs →   Start Application

Academic Programs

Discover our comprehensive range of theological and ministry programs designed to equip you for service in God's kingdom.

🔍 Search programs, subjects, or keywords...

🔽 Filters ⌄

Associate ⭐ 4.8

📖 **Associate in Ministry**

Entry-level program providing foundational ministry skills and biblical knowledge.

🕐 **2 Years**
Duration

🎗 **60 Credits**
Total

KEY SUBJECTS

Introduction to Ministry   Basic Theology

Church Administration   +1 more

$9,000/year   Fall & Spring

Undergraduate ⭐ 4.8

📖 **Bachelor of Religious Education**

Undergraduate program focusing on Christian education and youth ministry.

🕐 **4 Years**
Duration

🎗 **120 Credits**
Total

KEY SUBJECTS

Educational Psychology   Curriculum Development

Youth Ministry   +1 more

Undergraduate ⭐ 4.8

📖 **Bachelor of Theology (B.Th)**

Comprehensive undergraduate program in biblical studies, systematic theology, and practical ministry.

🕐 **4 Years**
Duration

🎗 **120 Credits**
Total

KEY SUBJECTS

Biblical Studies   Systematic Theology   Church History

+1 more

$12,000/year   Fall & Spring

Application Form

DBCLC Institute of Theology

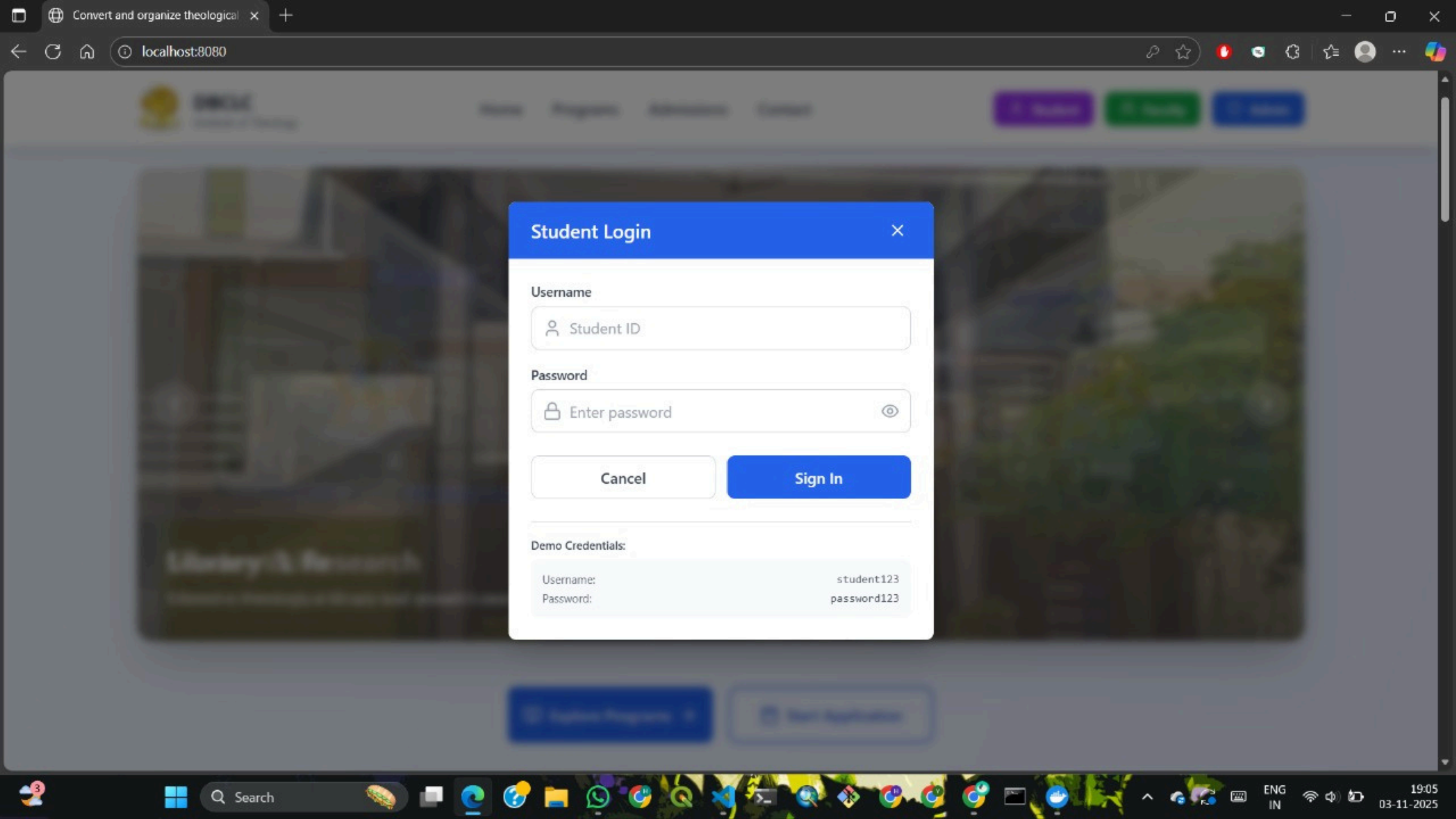Please fill out all required fields to submit your application

📷 Student Photo
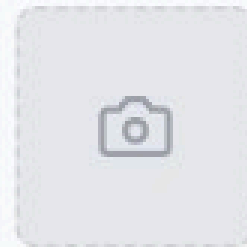
⬆ **Upload Photo**

JPG, PNG, or GIF. Max 500KB.

👤 Full Name of Candidate *

Enter your full name

📍 Full Address *

Enter your complete address with city, state, and postal code

📖 Course Name *

📅 Date of Birth *

Student Login

Username

Student ID

Password

Enter password

Cancel

Sign In

Demo Credentials:

Username: student123

Password: password123
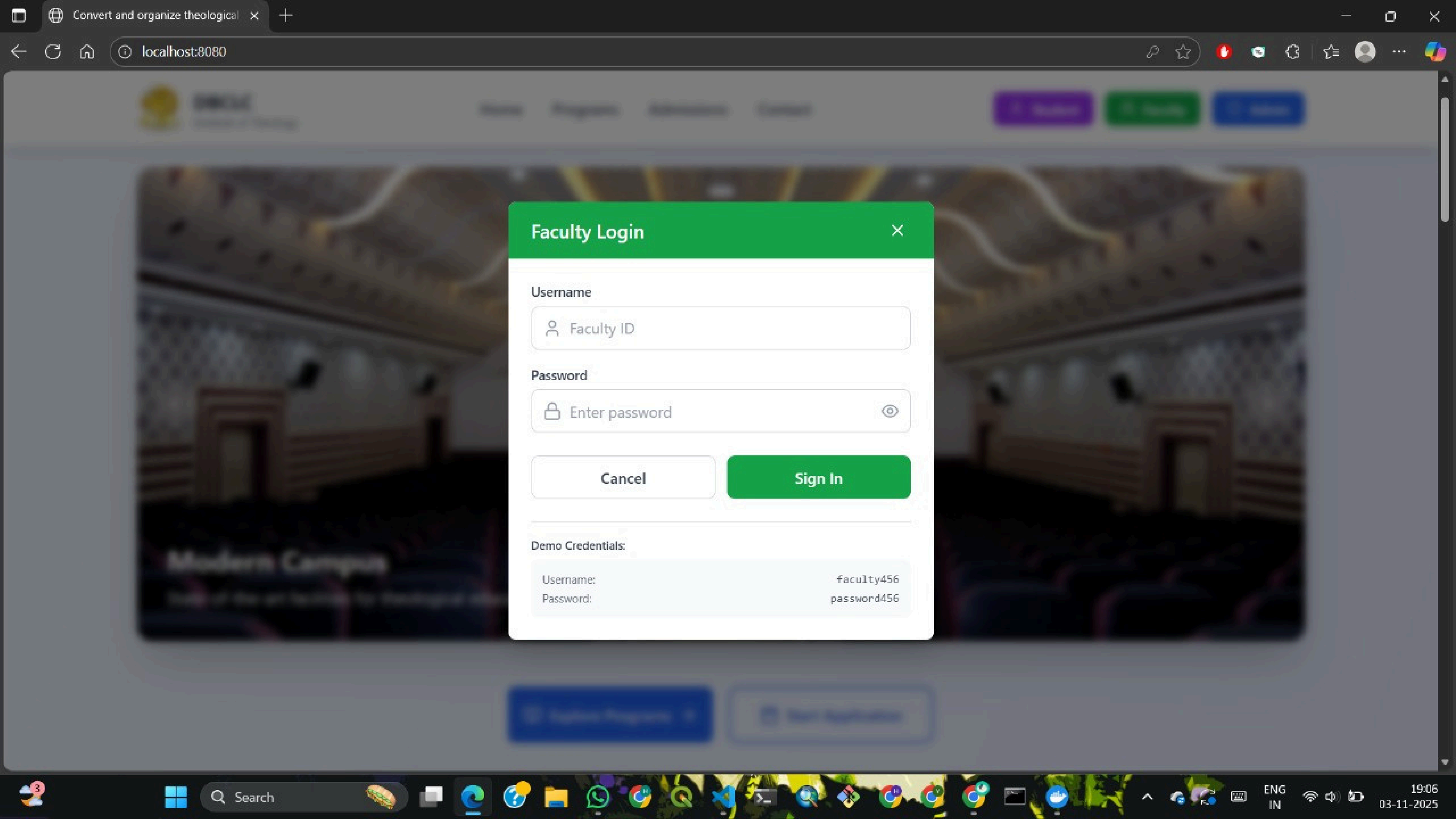
Faculty Login

Username

Faculty ID

Password

Enter password

Cancel   Sign In

Demo Credentials:

Username: faculty456
Password: password456
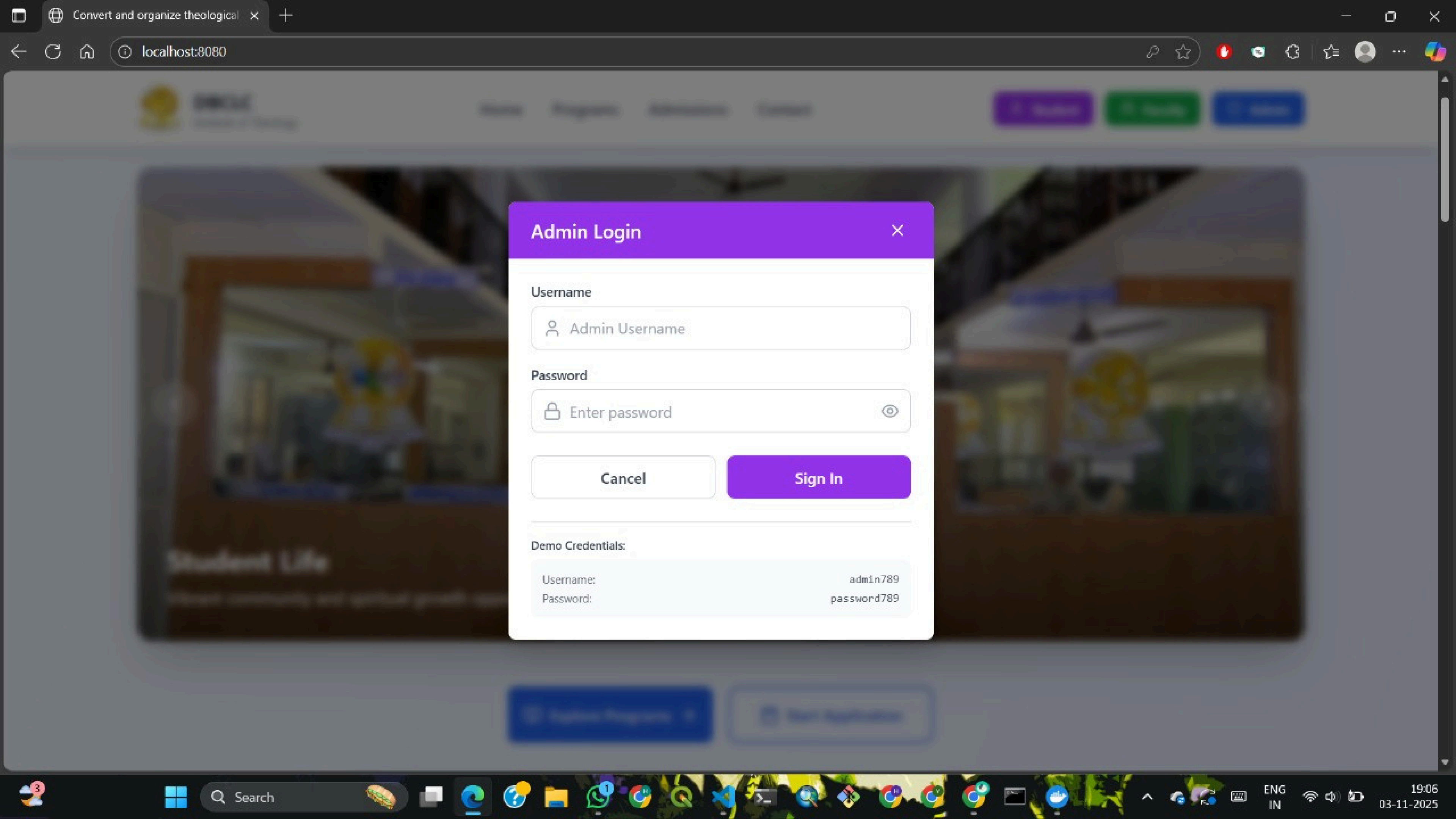
Admin Login

Username

Admin Username

Password

Enter password

Cancel

Sign In

Demo Credentials:

Username: admin789
Password: password789

yadhu
Student

Logout

yadhu

Student ID: ITH01

Not Assigned   Semester N/A

CURRENT GPA

N/A

Out of 4.0

0	N/A	0	0
Active Courses	Attendance	Exams Taken	Assignments Done

0

Enrolled Courses

0 active

0

Pending Assignments

All clear

N/A

Fee Status

Payment due

N/A

Overall Grade

No data

Recent Activities   View All

Upcoming Deadlines
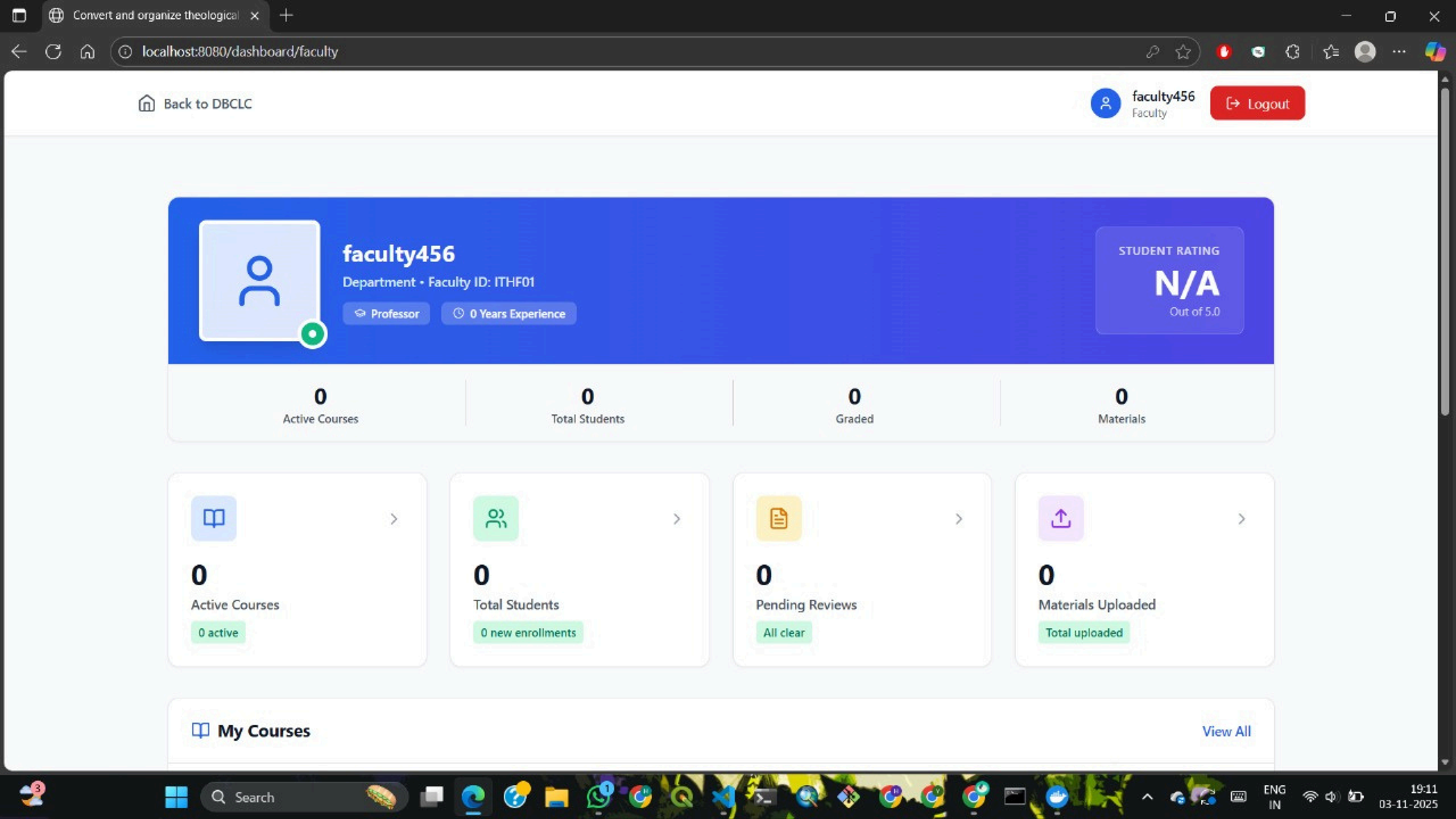
Back to DBCLC

faculty456
Faculty

Logout
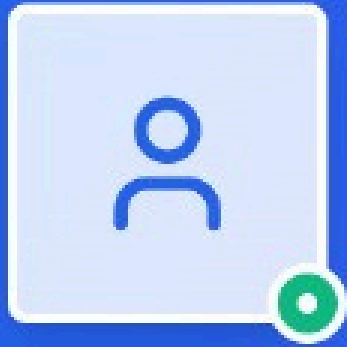
faculty456

Department · Faculty ID: ITHF01

Professor   0 Years Experience

STUDENT RATING

N/A
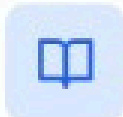
Out of 5.0

0
Active Courses

0
Total Students

0
Graded

0
Materials

0
Active Courses
0 active

0
Total Students
0 new enrollments

0
Pending Reviews
All clear

0
Materials Uploaded
Total uploaded

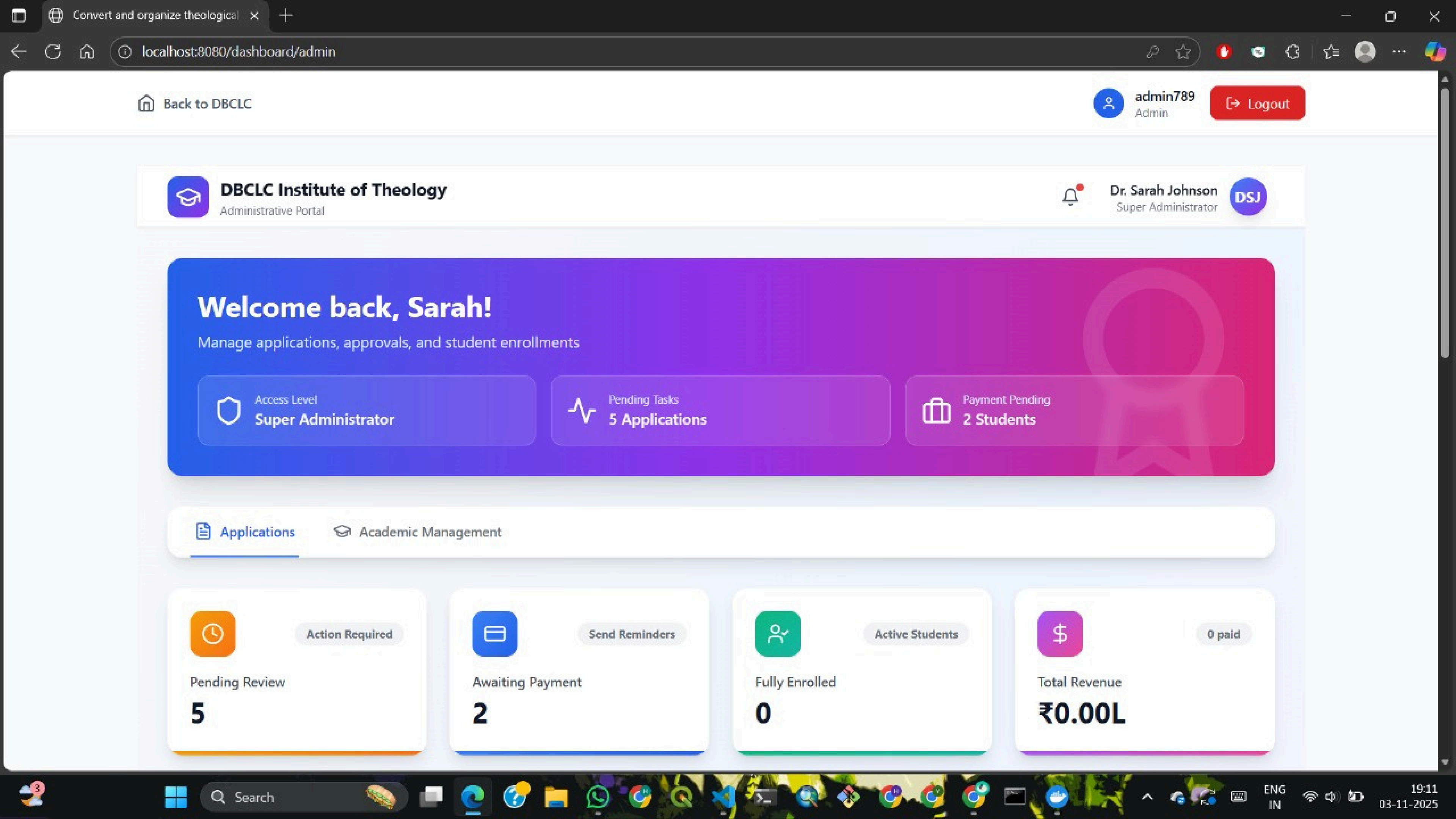📖 My Courses   View All

Back to DBCLC

admin789
Admin

Logout

DBCLC Institute of Theology
Administrative Portal

Dr. Sarah Johnson
Super Administrator

DSJ

Welcome back, Sarah!

Manage applications, approvals, and student enrollments

Access Level
Super Administrator

Pending Tasks
5 Applications

Payment Pending
2 Students

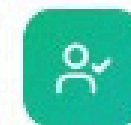📄 Applications   🎓 Academic Management

Action Required

Pending Review

5

Send Reminders

Awaiting Payment

2

Active Students

Fully Enrolled

0

0 paid

Total Revenue

₹0.00L

messi
Bachelor of Theology (B.Th) - ₹50,000

PENDING

Approve | Reject | View Details

Submitted: 3/11/2025, 8:57:51 pm
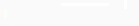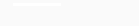
messi
Bachelor of Theology (B.Th) - ₹50,000

PENDING

Approve | Reject | View Details

Submitted: 3/11/2025, 8:47:02 pm

ronaldo
Master of Theology (Th.M) - ₹50,000

PENDING

Approve | Reject | View Details

Submitted: 2/11/2025, 10:41:52 am

ronaldo
Bachelor of Theology (B.Th) - ₹50,000

PENDING

Approve | Reject | View Details

Submitted: 2/11/2025, 10:25:42 am

yadhu krishnan
Bachelor of Religious Education - ₹50,000

PENDING

Approve | Reject | View Details

yadhu krishnan
Master of Theology (Th.M) - ₹50,000

PENDING

Approve | Reject | View Details

DBCLC Institute of Theology
Administrative Portal

Dr. Sarah Johnson
Super Administrator

DSJ

📄 **Application Management**

⬇ Export CSV

GR **Gouri Raj**
🎓 Bachelor of Religious Education ₹50,000

APPROVED

Payment Pending

Email	Mobile	DOB
gouriraj5002@gmail.com	8281819746	20/9/2005

✉ Resend Payment Email   📇 Mark as Paid   👁 View Details

Submitted: 26/10/2025, 8:33:29 pm

G **Gouriraj**
🎓 Certificate in Biblical Studies ₹50,000

APPROVED

Payment Pending

Dr. Sarah Johnson
Super Administrator
DS

X0.00L

Applications   Academic Management

🔒 Login Management   + Add Login

🔍 Search by username or role...

Username	Role	Status	Actions
admin789	Admin	Active	✏️ 🔒 🗑️
faculty456	Faculty	Active	✏️ 🔒 🗑️
student123	Student	Active	✏️ 🔒 🗑️

Dr. Sarah Johnson
Super Administrator

9

7

2

0

$ 0 paid

Total Revenue

₹0.00L

Applications   Academic Management

Add New Login

Username

admin789

Password

••••••••••

Role

Student

Cancel   Create

🔒 **Login Management**   + Add Login

🔍 Search by username or role...

Username	Role	Status	Actions
admin789	Admin	Active	

Thank You