

AED ASSIGNMENT- 3

Project Objective- Our objective of this project is to provide online service by the professor to any student in the corner of the world through online platform.

Proposed solution – Online platform provides the global service to students from any corner of the world irrespective of admission in any university. Students can get in touch with highly skilled professors without going to any renowned institutes.

Approach- In this system there are 3 major platforms Professor, Student, Online Platform(Offering degree)

Professor – Professor teaches the course and decides the fees for the course as well

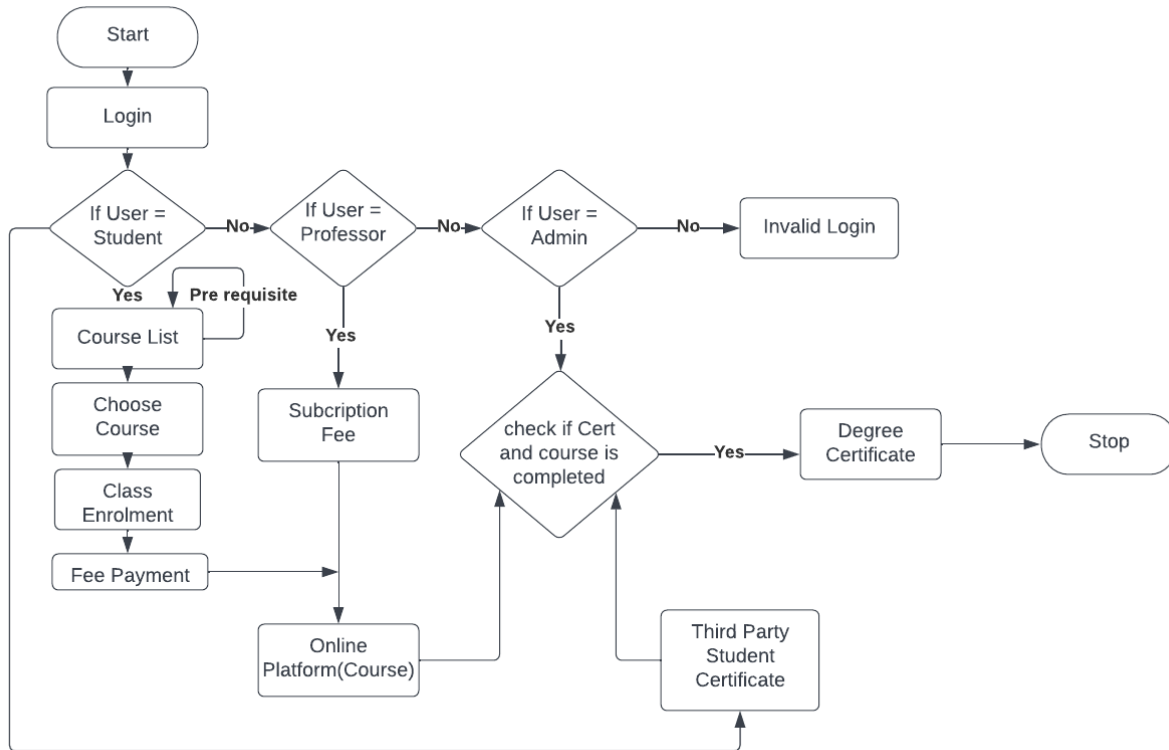
Student – Student takes the course through online platform

Online Platform – It is the platform that offers degree based on the courses and certification taken by student and grades given by professor.

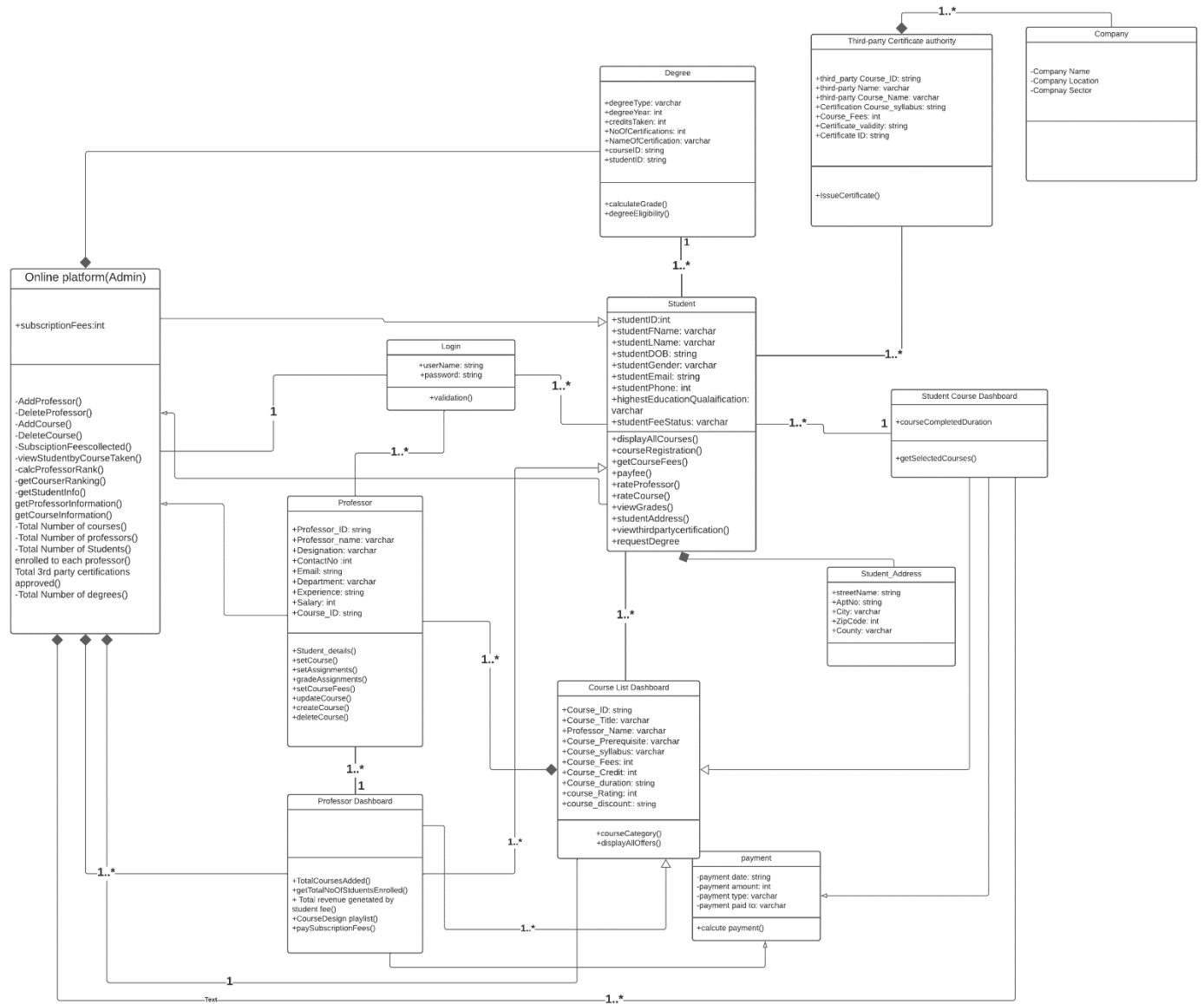
FLOW :

1. Students will login with their credentials into the online Platform where they can see their respective dashboard.
2. Online Platform who has admin rights will login with their credentials as well.
3. Professor will login with their credentials into the online Platform to see professor dashboard where professor can see all the information related to course.
4. Professor and Student are connected to Course List where professor can set the course and student can get course details.
5. Student is connected to course list dashboard where all the information related to course can be seen like course rating, course fees.
6. Course list dashboard connects students offering them to register the courses and get degree.
7. While issuing degree online platform will check if all the requirements are fulfilled by student and any other 3rd party certifications are done by student and offer them degree.

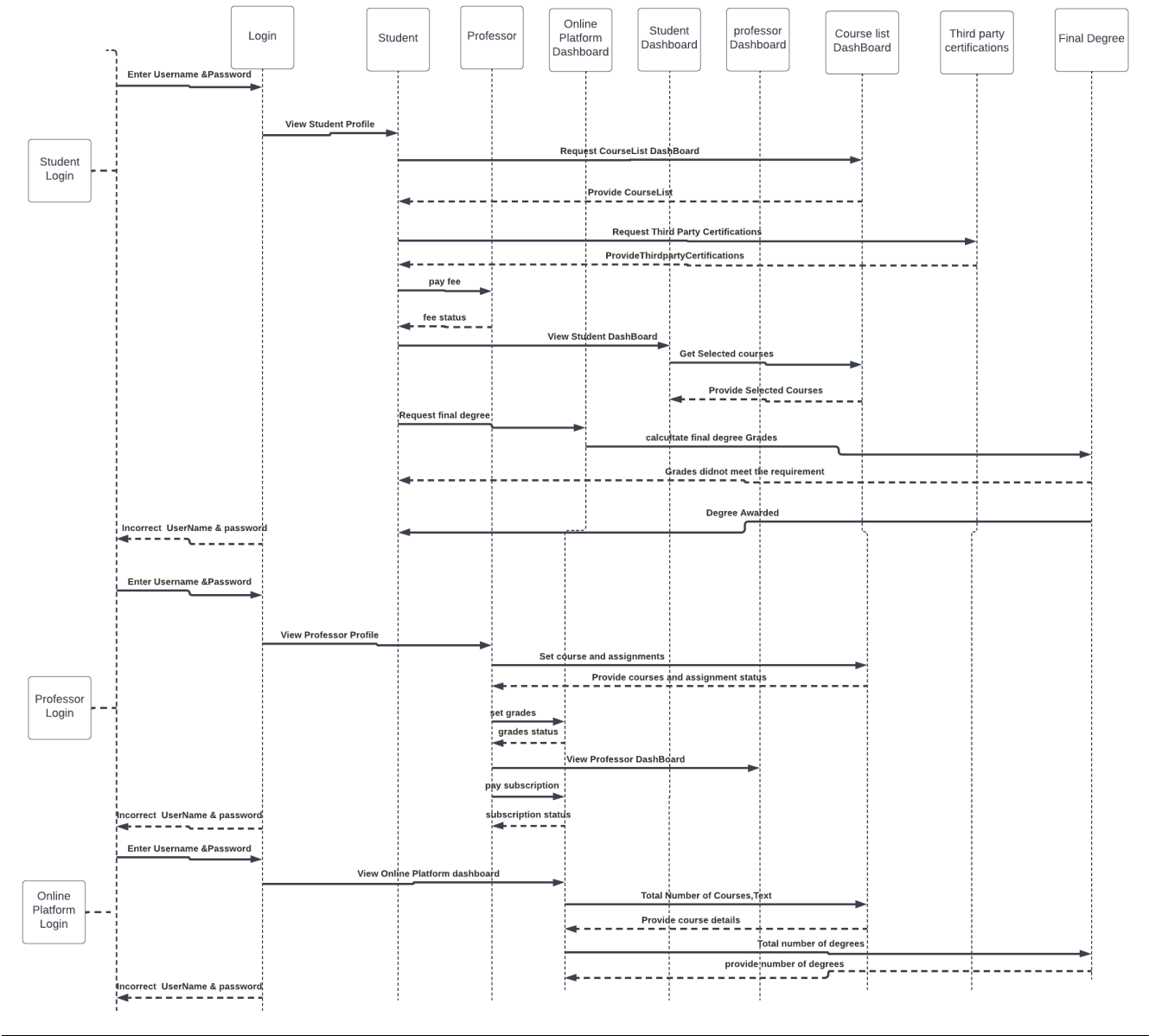
FLOW DIAGRAM



UML Diagram



Sequence Diagram



User interface

LOGIN

LOGIN ID :

PASSWORD :

LOGIN

PROFESSOR PROFILE

VIEW DASHBOARD

Professor ID :

Professor Name:

Designation:

Contact No.:

Email:

Department:

Course ID:

STUDENT DETAILS

SET COURSE

SET COURSE FEES

SET ASSIGNMENT

GRADE ASSIGNMENT

CREATE COURSE

UPDATE COURSE

DELETE COURSE

STUDENT PROFILE

Student ID :

First Name:

Last Name:

DOB:

Email:

Gender:

Highest Education:

Student Fees Status:

[VIEW DASHBOARD](#)

[DISPLAY ALL COURSES](#)

[RATE COURSE](#)

[COURSE REGISTRATION](#)

[GET COURSE FEES](#)

[RATE PROFESSOR](#)

[VIEW GRADES](#)

[PAY FEES](#)

[STUDENT ADDRESS](#)

COURSE LIST

Course ID :

Course Title:

Professor Name:

Course Prerequisite:

Course Syllabus:

Course Fees:

Course Credit:

Course Duration:

Course Discount:

Course Rating:

[VIEW DASHBOARD](#)

[COURSE CATEGORY](#)

[DISPLAY OFFERS](#)

DEGREE

Degree Type:

Degree Year:

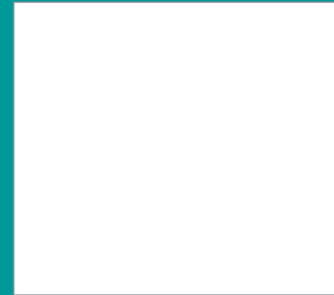
Credits Taken:

No. of Certification:

Name of Certification:

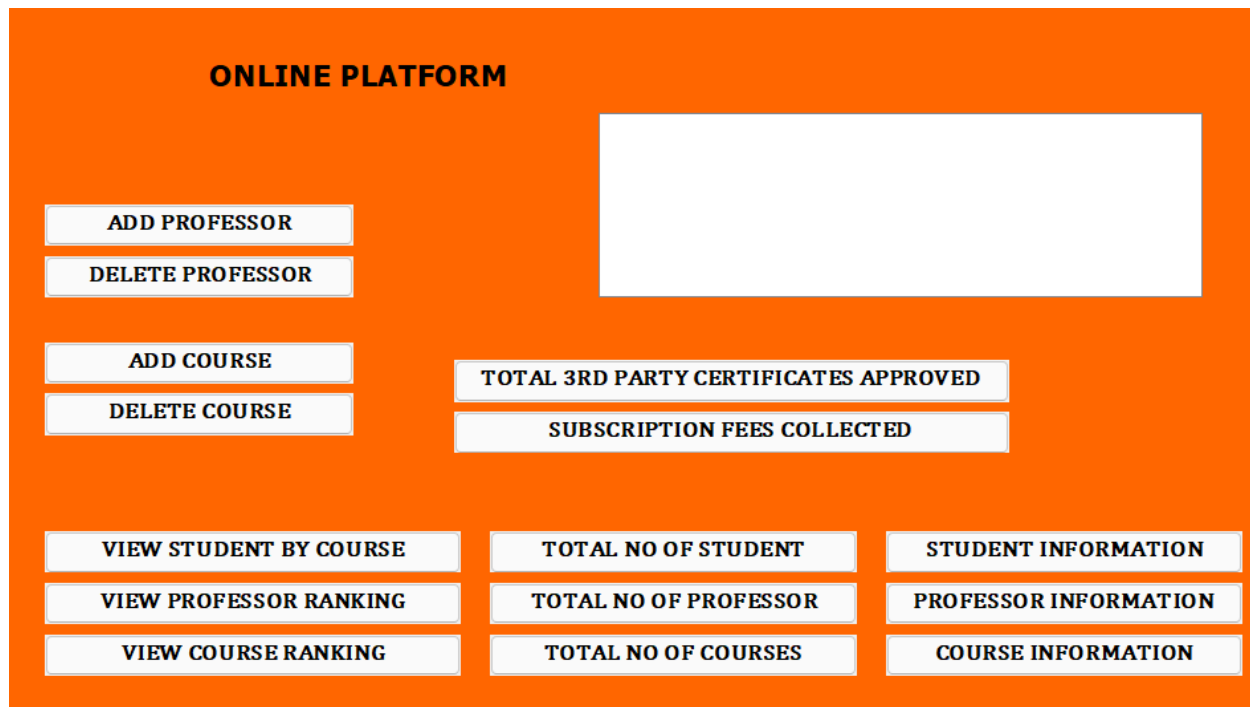
Course ID:

Student ID:



CALCULATE GRADE

DEGREE ELIGIBILITY



ENTITIES:

1. Online platform(Admin)

Attributes:

+SubscriptionFees

Methods:

-AddProfessor()

-DeleteProfessor()

-AddCourse()

-DeleteCourse()

-SubscriptionFeescollected()

-viewStudentbyCourseTaken()

-calcProfessorRank()

-getCourserRanking()

-getStudentInfo()

-getProfessorInformation()

- getCourseInformation()
- Total Number of courses()
- Total Number of professors()
- Total Number of Students()
- enrolled to each professor()
- Total 3rd party certifications approved()
- total Number degrees

2. Student

Attributes:

- +studentID:int
- +studentFName: varchar
- +studentLName: varchar
- +studentDOB: string
- +studentGender: varchar
- +studentEmail: string
- +studentPhone: int
- +highestEducationQualaification: varchar
- +studentFeeStatus: varchar

Attributes:

- +displayAllCourses()
- +courseRegistration()
- +getCourseFees()
- +payfee()
- +rateProfessor()
- +rateCourse()
- +viewGrades()
- +studentAddress()
- +viewthirdpartycertification()
- +requestDegree

3. Login

Attributes:

+userName: string

+password: string

Methods:

+validation()

4. Professor

Attributes:

+Professor_ID: string

+Professor_name: varchar

+Designation: varchar

+ContactNo :int

+Email: string

+Department: varchar

+Experience: string

+Salary: int

+Course_ID: string

Methods:

+Student_details()

+setCourse()

+setAssignments()

+gradeAssignments()

+setCourseFees()

+updateCourse()

+createCourse()

+deleteCourse()

5. Professor Dashboard

Methods:

+TotalCoursesAdded()

+getTotalNoOfStdudentsEnrolled()

+ Total revenue genetated by student fee()

+CourseDesign playlist()

+paySubscriptionFees()

6. Course List Dashboard

Attributes:

+Course_ID: string

+Course_Title: varchar

+Professor_Name: varchar

+Course_Prerequisite: varchar

+Course_syllabus: varchar

+Course_Fees: int

+Course_Credit: int

+Course_duration: string

+course_Rating: int

+course_discount:: string

Methods:

+courseCategory()

+displayAllOffers()

7. payment

Attributes:

-payment date: string

-payment amount: int

-payment type: varchar

-payment paid to: varchar

Methods:

+calculate payment()

7. Degree

Attributes:

+degreeType: varchar

+degreeYear: int

+creditsTaken: int

+NoOfCertifications: int

+NameOfCertification: varchar

+courseID: string

+studentID: string

Methods:

+calculateGrade()

+degreeEligibility()

8. Third-party Certificate authority

Attributes:

+third_party Course_ID: string

+third-party Name: varchar

+third-party Course_Name: varchar

+Certification Course_syllabus: string

+Course_Fees: int

+Certificate_validity: string

+Certificate ID: string

Methods:

+IssueCertificate()

9. Company

Attributes:

- Company Name
- Company Location
- Company Sector

10. Student Course Dashboard**Attributes:**

- +courseCompletedDuration

Methods:

- +getSelectedCourses()