

**Assignment 3**

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**Project Description:**

*Overview:*

The project aims to create a decentralized digital educational platform that shifts the focus from the educational institution to the professor, offering students worldwide access to diverse, high-quality courses. This platform seeks to democratize education, reduce tuition costs, and elevate the overall quality of learning. It emphasizes individual accountability in improving education, fostering a culture of lifelong learning, and providing valuable feedback.

*Why Global Education is Needed:*

Education is the cornerstone of societal development, empowerment, and economic progress. In today's interconnected world, the need for global education is paramount. This project addresses the following critical reasons:

1. **Access to Quality Education:** Many regions lack access to quality educational institutions and courses. A global platform offers a wide array of courses from esteemed professors, bridging the gap in educational accessibility.
2. **Reducing Tuition Costs:** Traditional education can be expensive. By decentralizing education and enabling professors to manage their courses, this project aims to reduce tuition costs and make learning more affordable.
3. **Lifelong Learning:** In a rapidly evolving world, the ability to learn and adapt throughout one's life is essential. This platform encourages lifelong learning, allowing students to choose courses that align with their evolving needs.
4. **Feedback and Improvement:** The project emphasizes accountability for the quality of education. By providing a feedback mechanism, it fosters continuous improvement in course content, delivery, and platform features.

## *User Roles and Functionalities:*

### **1. Admin:**

- Role: The main owner and administrator of the platform.
- Functionalities:
  - Overseeing system configuration and maintenance.
  - Managing the student, professor, course, third-party, and recruiter data.

### **2. Student:**

- Role: Enrolled users seeking education.
- Functionalities:
  - Registration and login.
  - Browsing and searching for courses based on language, course name, professor, and other criteria.
  - Adding courses to their curriculum.
  - Requesting transcripts for graduation (requiring 8 credits).
  - Review of transcripts by a third party.
  - Access to job listings posted by recruiters.

### **3. Professor:**

- Role: Subject matter experts responsible for creating and offering courses.
- Functionalities:
  - Registration and login.
  - Managing their own courses (up to 2) and course details.
  - Creating course schedules for each term.
  - Building their reputation through course offerings.
  - Access to course reviews and feedback.

### **4. Third Party:**

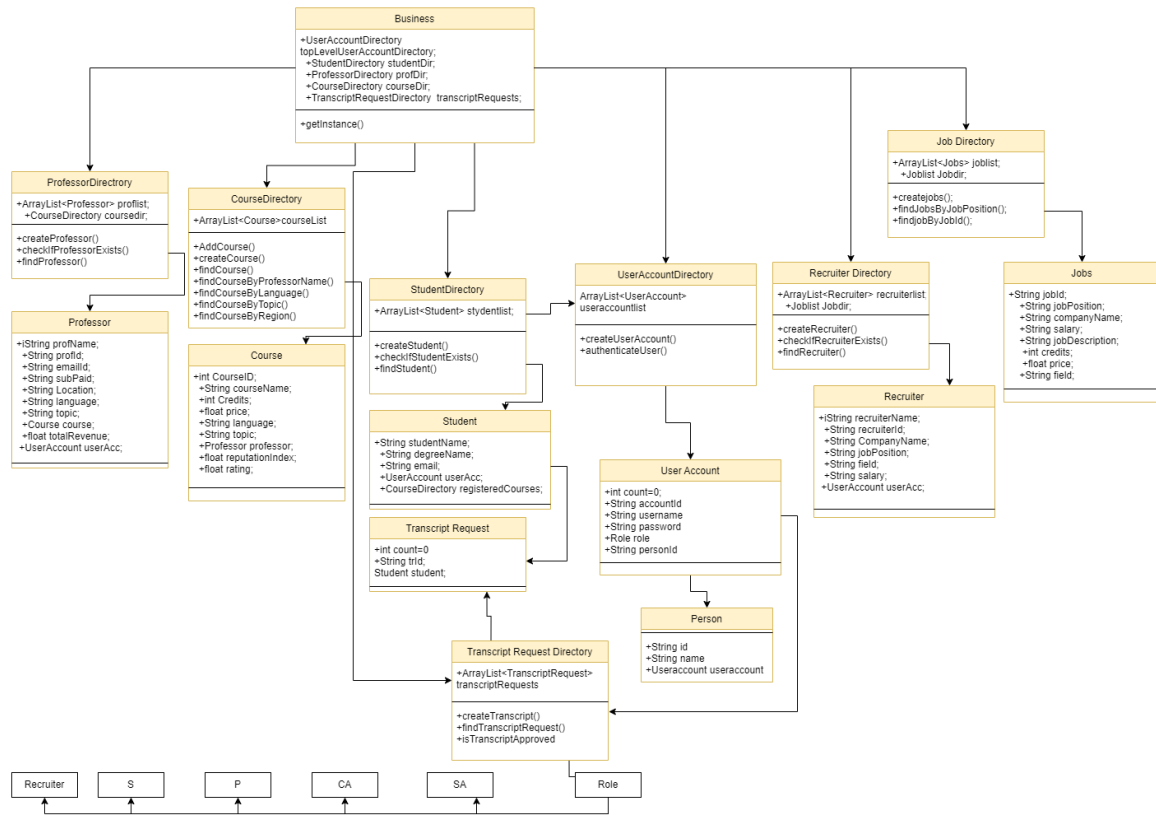
- Role: Reviewers responsible for assessing student transcripts for graduation.
- Functionalities:
  - Reviewing and approving/denying student requests for transcripts.
  - Ensuring graduation requirements are met.

### **5. Recruiter:**

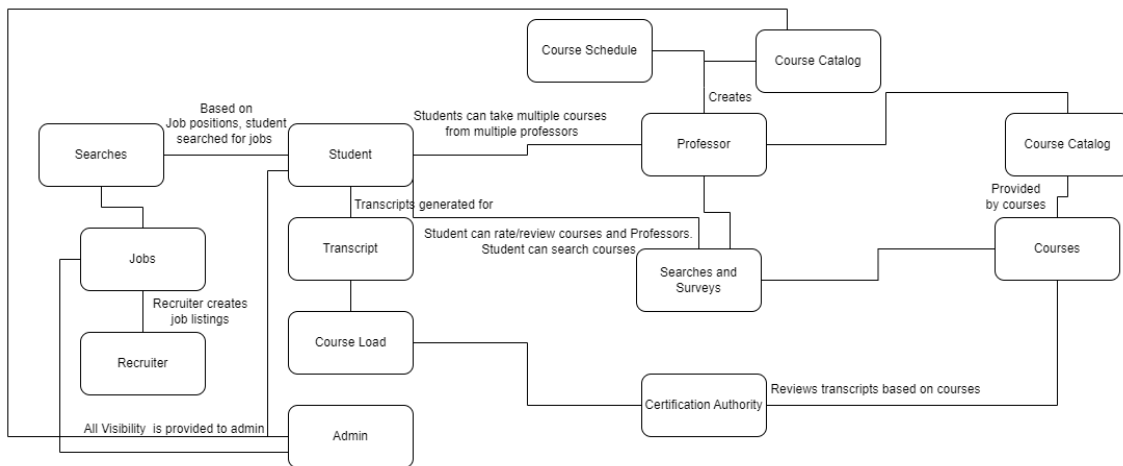
- Role: Posting job listings on the platform.
- Functionalities:
  - Adding job listings with details that are visible to students and admin.

- Managing job postings.

Class Diagram: [Click Here](#)



Architecture Diagram: [Click Here](#)



*Glimpse of our UI:*

## PROFESSOR AS A SERVICE

### EXISTING USER

Username

Password

### NEW USER

Recruiter Postings detail

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Job Position

Company Name

Job Description

Field

Salary

Add Job Details

Job Position	Company Name	Job Description	Field	Salary

delete course

Recruiter Registration

Back

Name

Company Name

Location

Email

UserName

Password

Register

Student ID

Name

email

back

Courses takenSearch for coursesJob Details

Courses Taken:

Course ID	Course name	Professor name	Credits	Fees Paid

Request for transcript

view transcript

Rate Course

Design Preview [StudentRegisterFrame]

Student registration form

Name

EmailID

Degree Name

Username

Password

Register

back

Transcript

Student Name

Student ID

back

Course Name	Course ID	Credits Secured
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Certification Authority: ABC Services

back

TR ID	Student ID	Student Name	Credits taken	Status
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approve

decline

back

TR ID	Student ID	Student Name	Credits taken	Status

approve

decline