PROFESSOR AS A SERVICE REPORT

Team Members:

PRATIK HARIYA 002929941

PARTH KATARIA 002964611

ANKITA JHA 002926812

1. Introduction

The Traditional University Model asks the professors and the students to be present in the University campus. It does not allow the feasibility for students to study from
professors of their choice. It also costs alot to build the Infrastructure for an University. Students also need to pay an hefty fees if they wish to relocate to a different country.

2. Proposed Solution

'Professor as a Service' model can bring a transformation to the existing traditional model. It will costs comparatively less to build an IT infrastructure for the digital platform and
it will be more accessible to the students which can attract much more students to the platform. This will eventually help to bring down the costs of the platform and as a results
students will be made available with an affordable education system.

A student will be allowed to perform following operations :
1. Register to the platform
2. Register for the Courses
3. Pay course fees
4. Review and provide feedback for the course
5. Earn a degree after completing the course

A professor will be allowed to perform following operations :
1. Register to the platform
2. Add Course
3. Pay platform fees
4. Manipulate course prices.

The above new model will help both the entities i.e students and professors in following ways
1. Professor gets full autonomy.
2. Students get affordable courses.
3. Both students and professors do not need to travel.

3. Entity

The entities used for the professor as a service performance measurement model are as given below:

- **Student** : Each student record has student ID, student name, email ,courses they have registered , degree name & number of courses they have successfully completed.

- **Professor** : Each Professor record has Professor ID, Professor name, email ,courses they offer and their specialisation.

- **Certification Authority**: This entity holds student information, Professor details & certificate ID. It will validate the courses that students have successfully completed and issues a degree of completion.

- **Degree** : This will include the Student ID, degree ID, degree course and grade obtained of every student.

- **Courses :** Each course record will have course ID, course name, credits, Professor ID of the faculty taking the course, number of students enrolled.

- **Course Registration :** It holds the list of all the current courses available and allows students to register and drop the courses.

- **Reputation Index :** This entity holds average ratings given by students enrolled in courses offered by Professor's.

4. UML CLASS DIAGRAM:

The UML class diagram below shows the professor as a service model that we would be implementing to obtain the performance review to reduce tuition cost while improving the quality of education anywhere in the world.

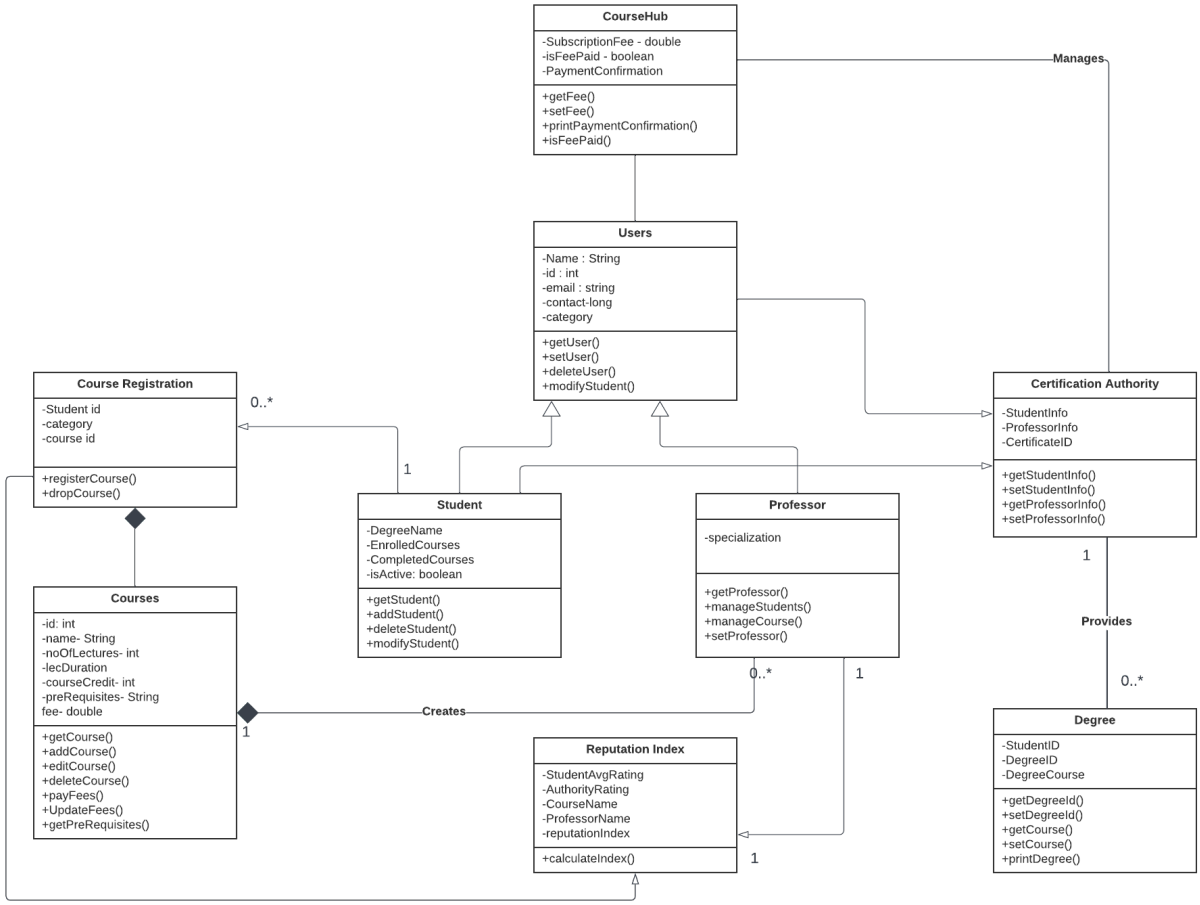
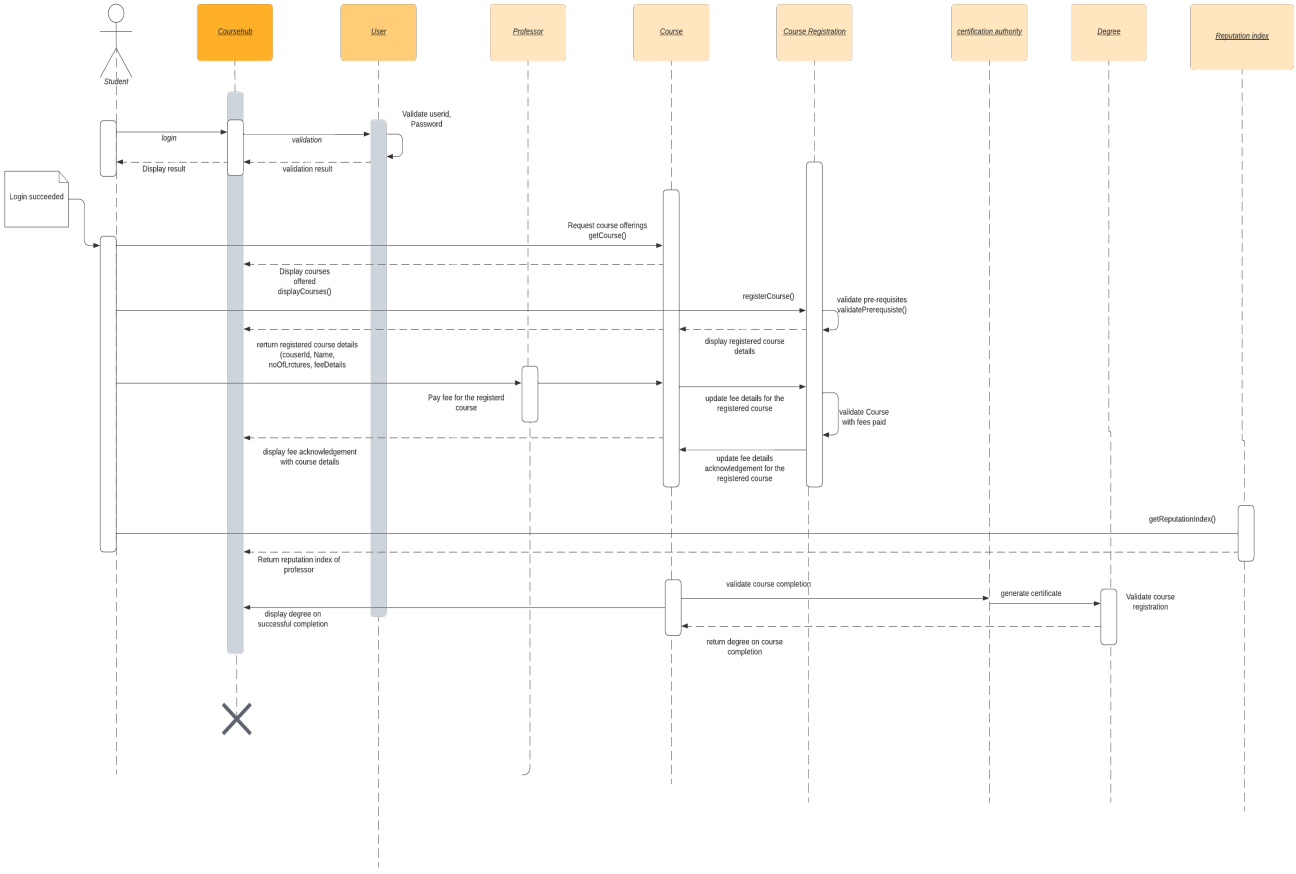


Figure 1: UML Class Diagram

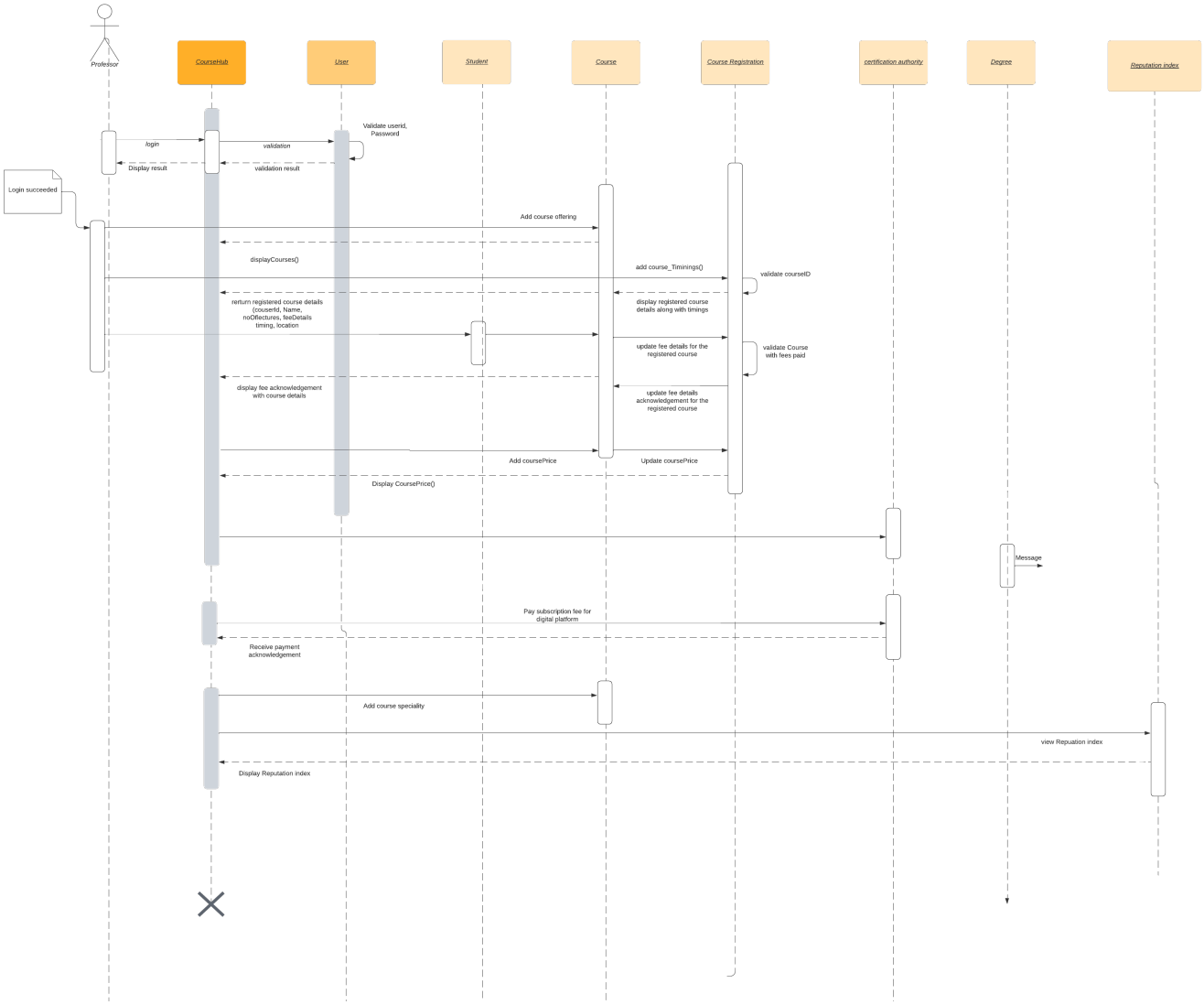
5. Sequence Diagram

The sequence diagram below shows our university that we would be implementing to obtain performance reviews within academic units as well as to determine our university ranking system**.**

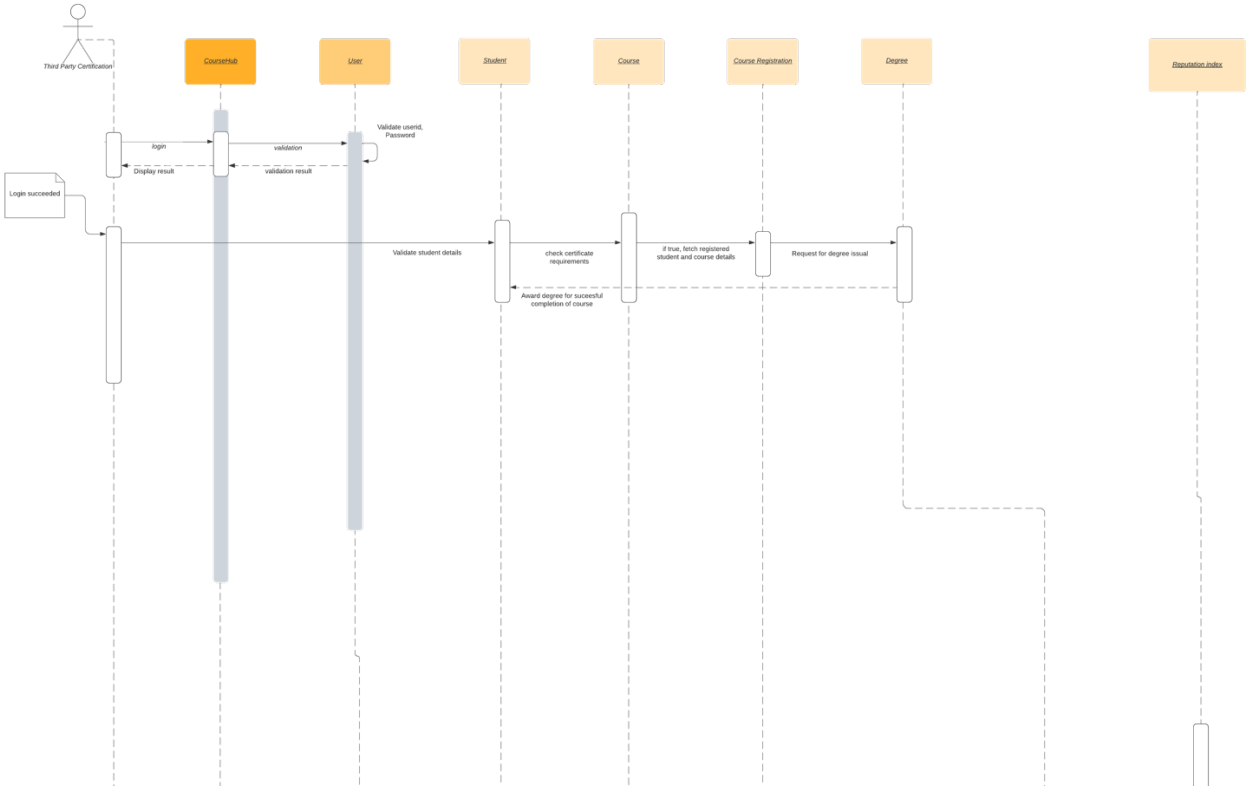
1. Student Sequence Diagram



2. Professor Sequence Diagram :



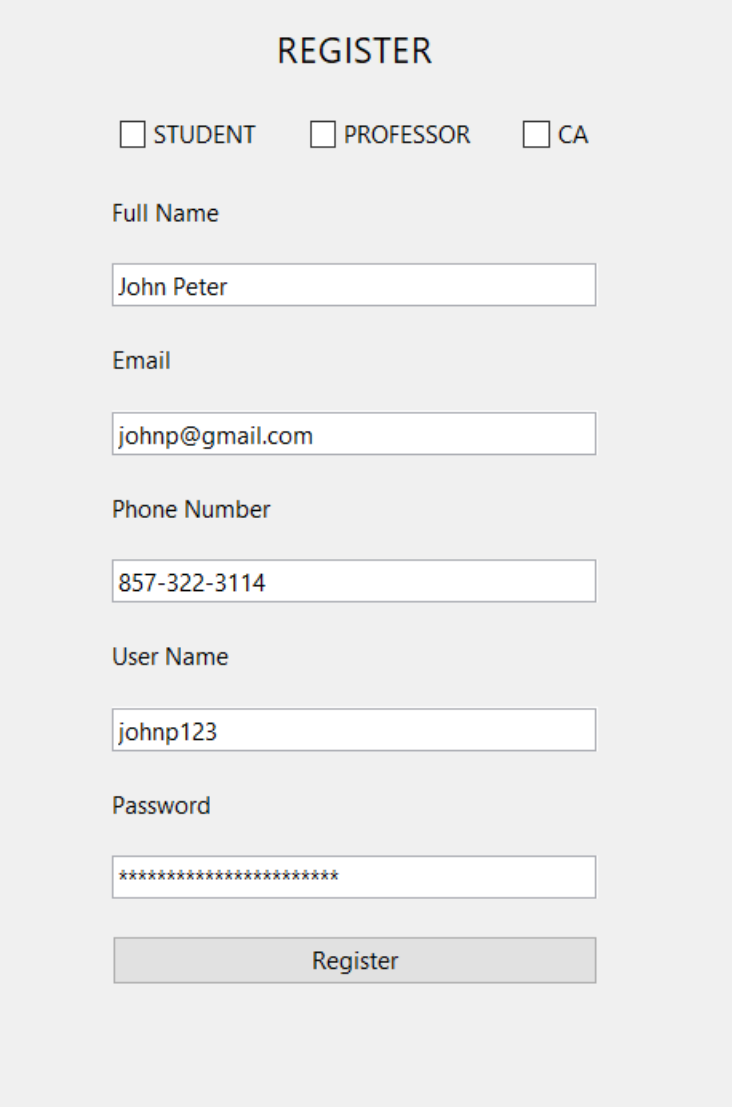
3. Third Party Certification Authority Sequence Diagram :



6. GUI Representation

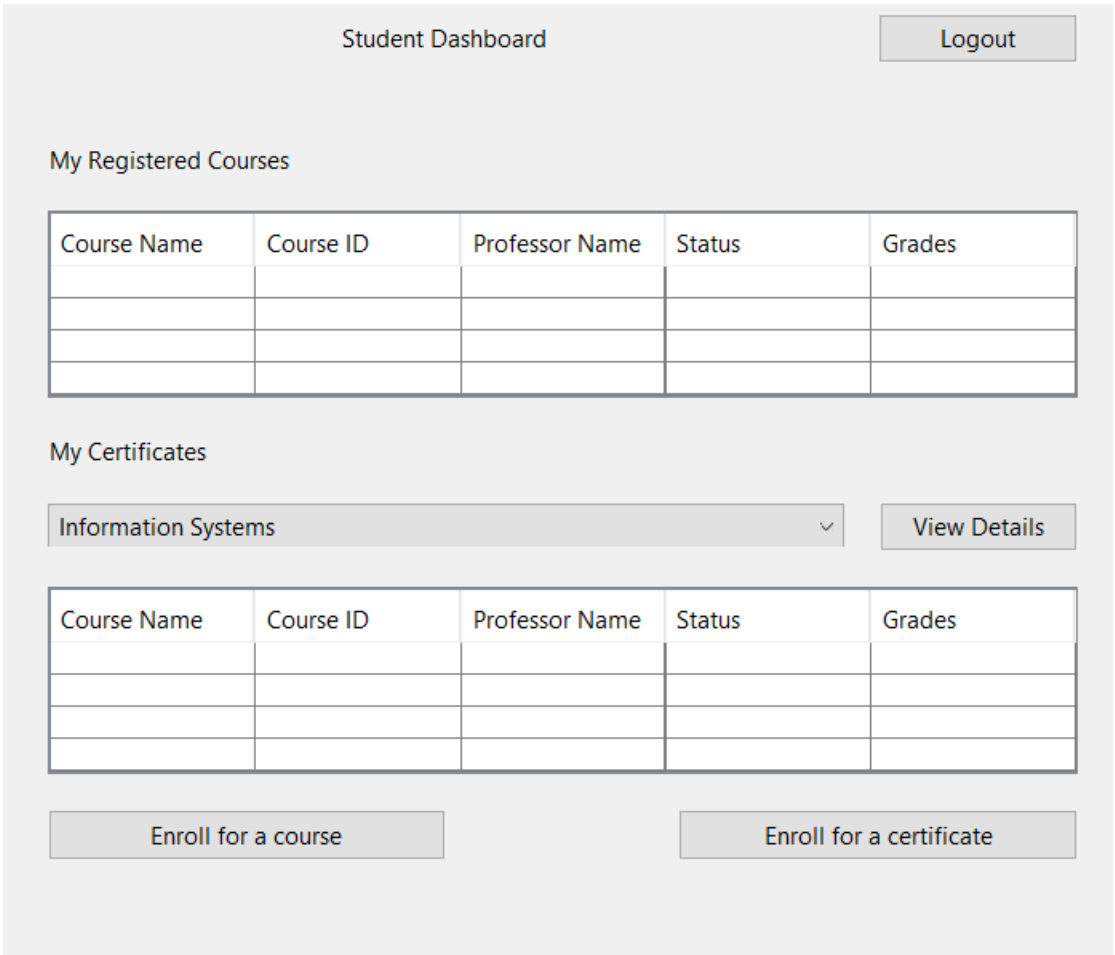
The below figures show the GUI representation for the Professor as a service model.

1. Registration Dashboard

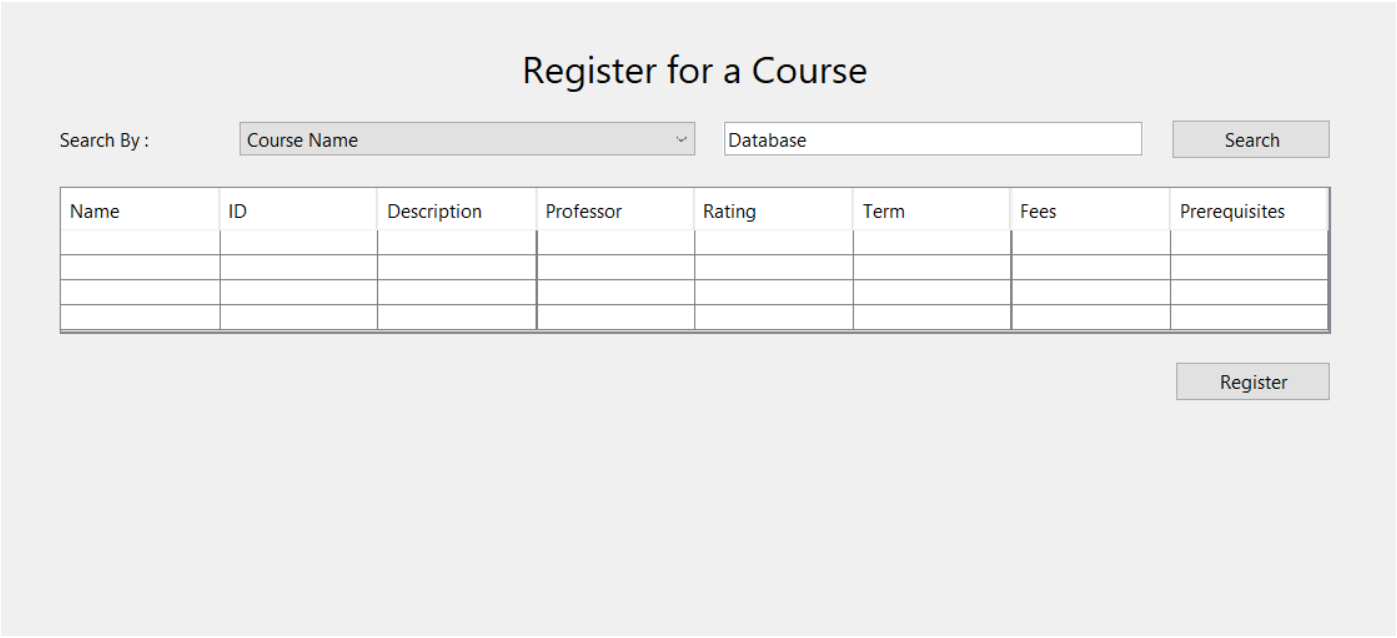


2. Login Dashboard

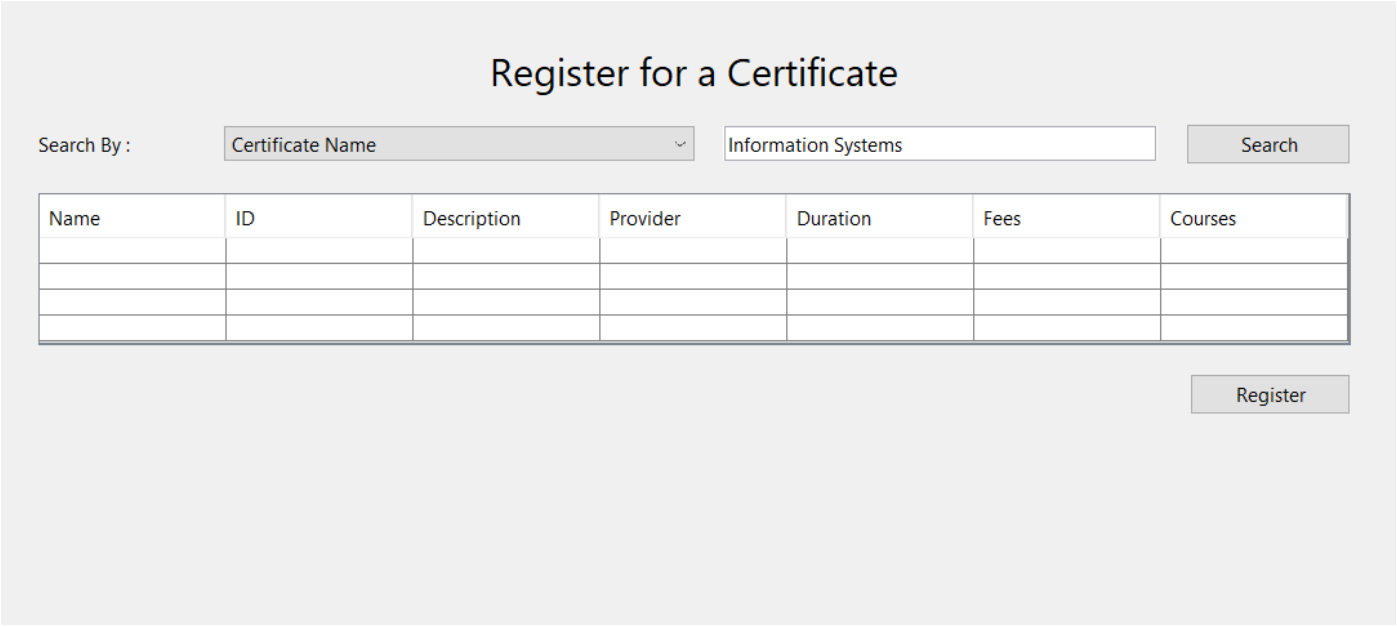
3. Student Dashboard



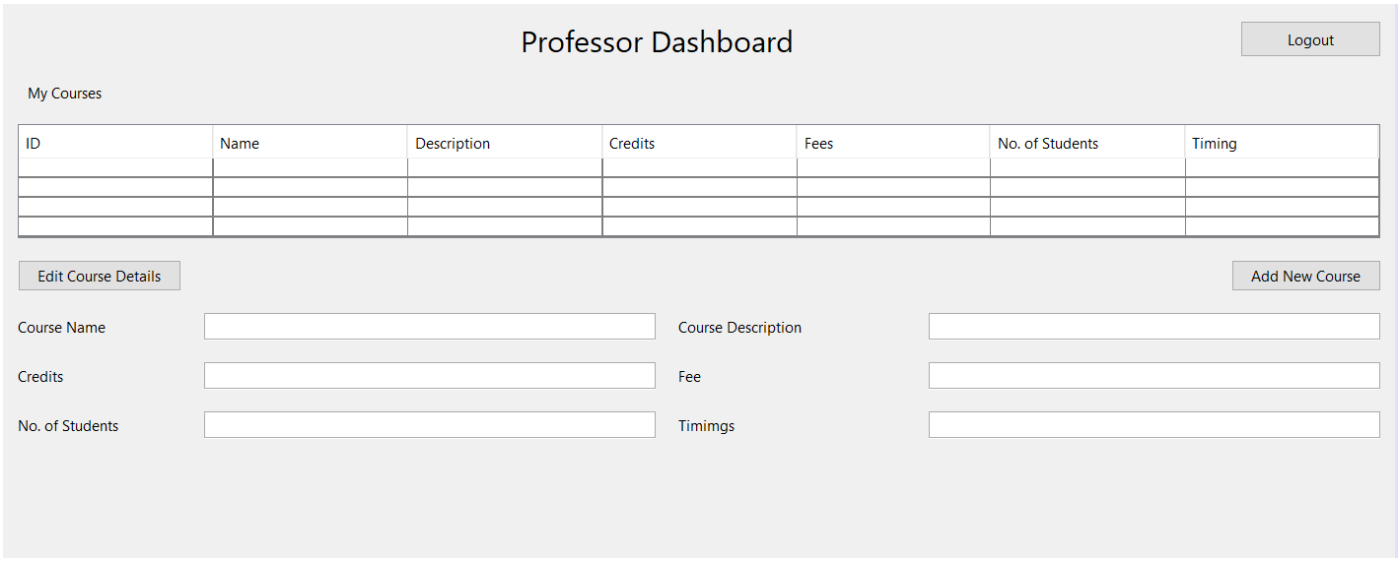
4. Course Registration Dashboard



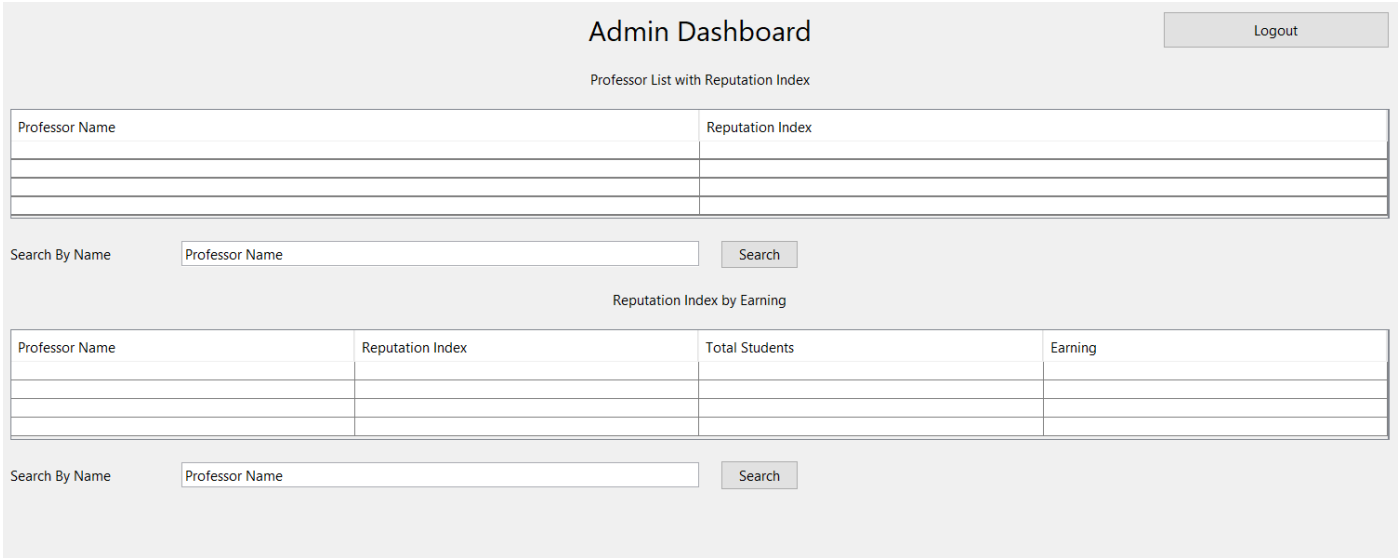
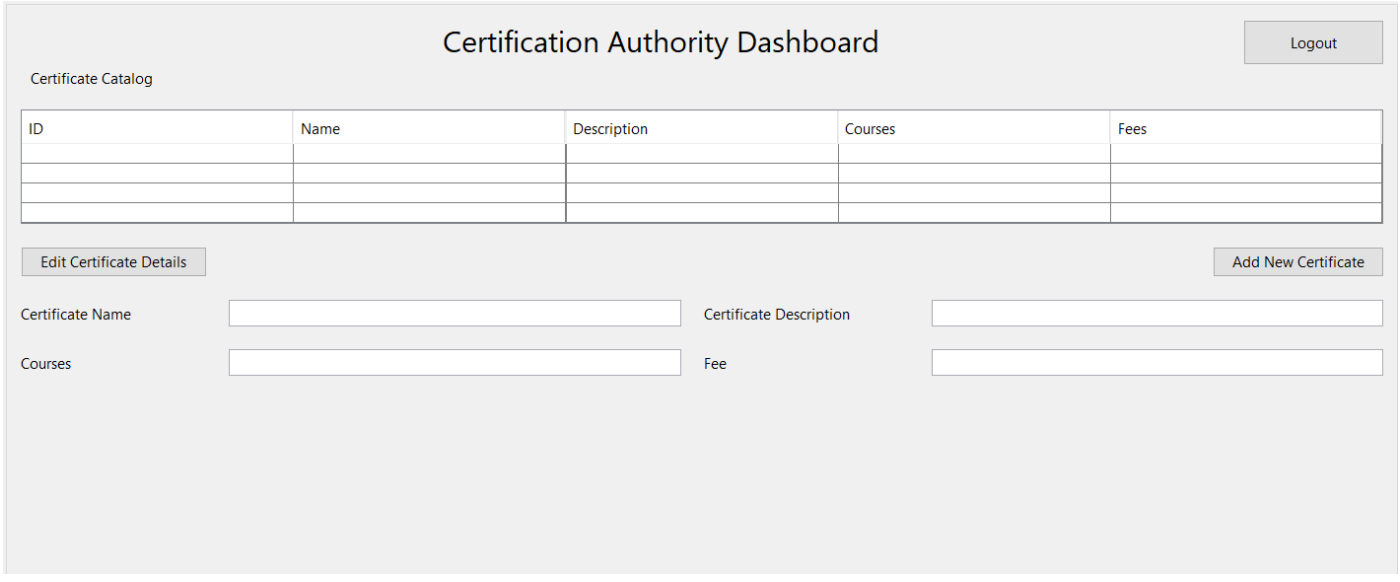
5. Certificate Registration Dashboard



6. Professor Dashboard



7. Admin Dashboard



8. Certification Authority Dashboard