

1. Introduction

1.1 Problem Statement

- To build a system which enables course instructors to add new courses, edit existing course contents and students to use the courses.

1.2 Intended Audience

- This is an online course portal. This project will be useful for course instructor and students as well.

2. User Profiles

Admin: Admin is a person who will give permissions to the course instructor/teacher.

Teacher: Teacher is the person who will create/edit the contents of the course.

User: Users will be mostly students who will access the course contents.

3. Requirements

- Functional Requirements:

Admin :

1. Admin should be able to allow teachers to add new courses.

Teacher:

1. Teachers should be able to add new courses.
2. Teachers should be able to edit existing course contents.
3. Teachers should be able to see student's performance in the course.

Student:

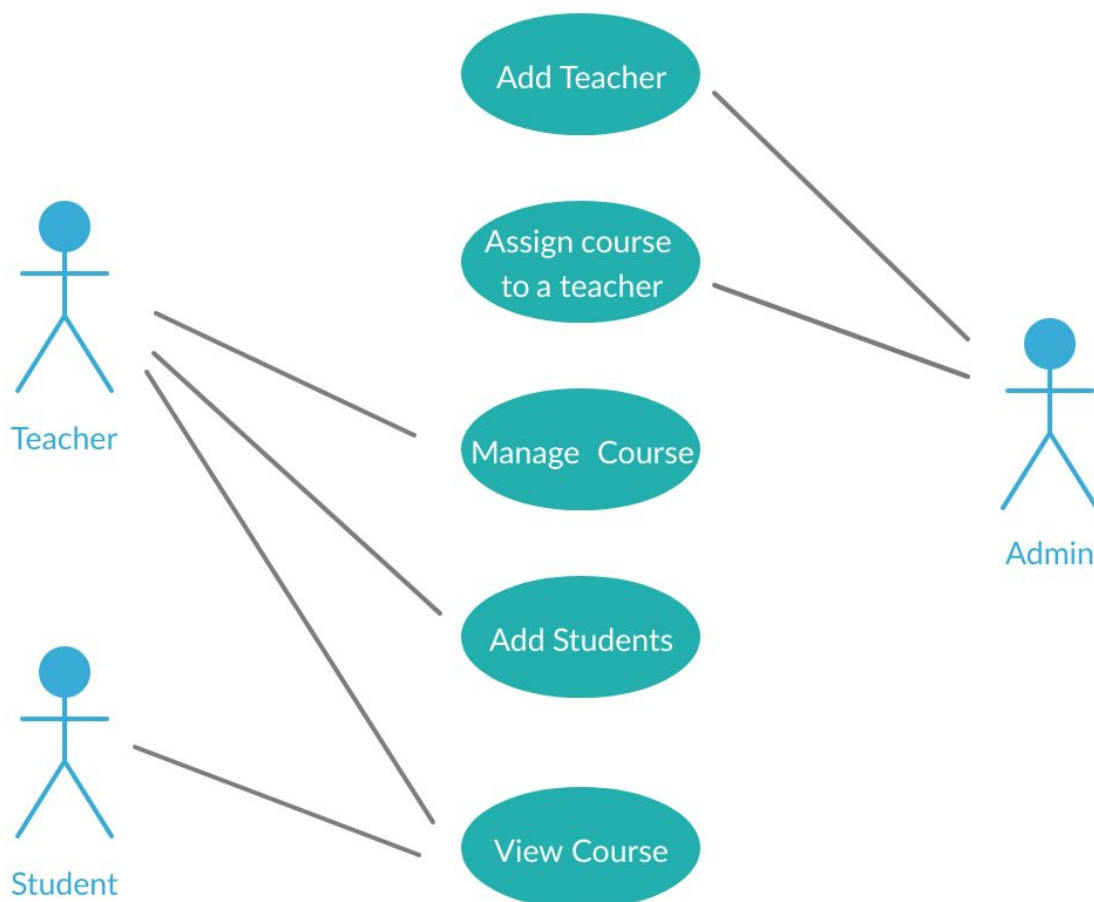
1. Students should be able to enroll for courses.
2. Students should be able to access course content only after registration and payment is done.
3. Students should be able to access theory, recorded video lectures and questions about the topic with minimum latency.

4. Students should be able to access further topics only when they complete more than 60% portion from the current topic.
5. Students should be able to ask doubts in a dedicated doubt discussion forum.
6. Students should be able to see their overall performance in the course.
7. Students should be able to give feedback about the course.

- Non-Functional Requirements:

1. System should be highly available.
2. System should be 100% reliable(videos/content should not get corrupted).
3. System will be ready heavy.

4. Use Case diagram



4. ER diagram

