

**COSC 305 Week 4**  
**E-Learning Platform**  
**Group Name: The Little Mermaid**

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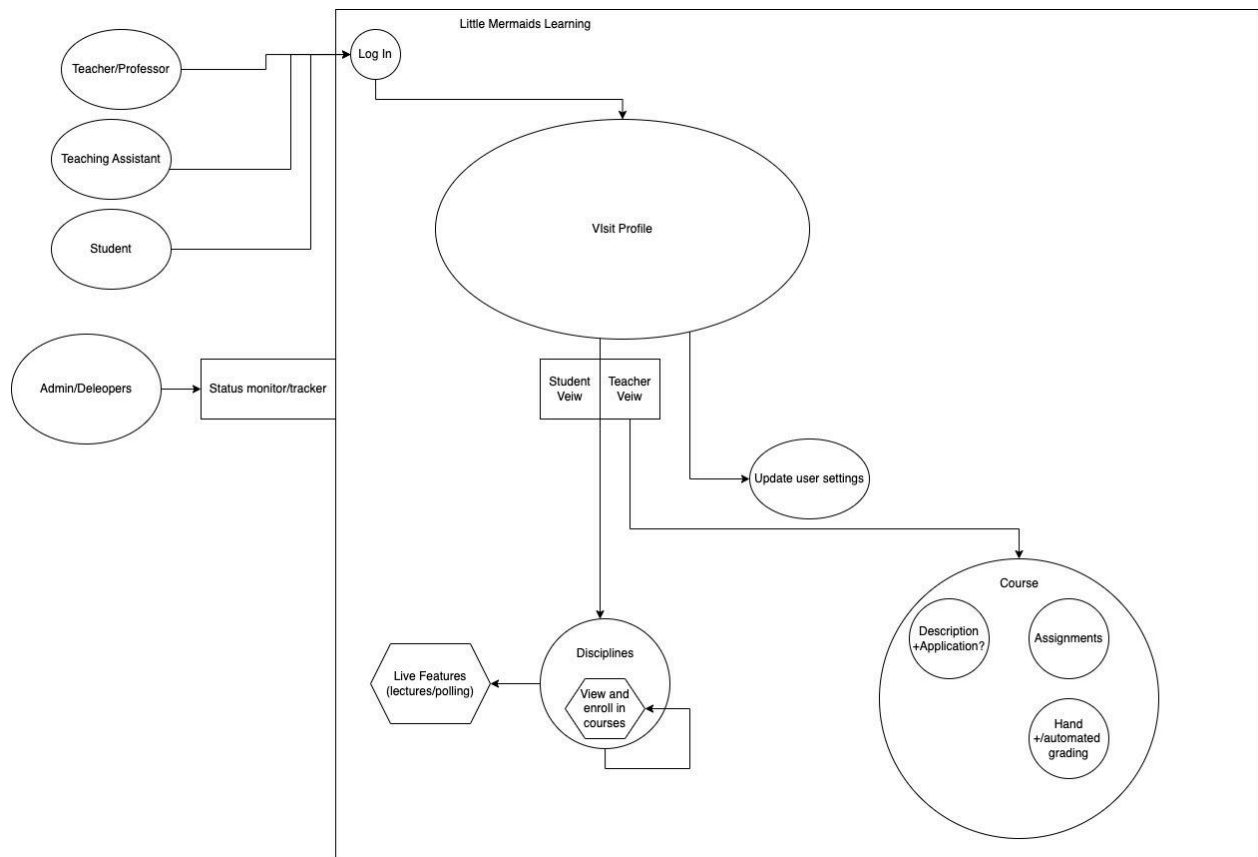
**Project:**

E-Learning Platform: A web based platform that allows teachers to grade students for different assignments and pose different questions to them in class. Students then have the capability to answer these questions simultaneously.

**Proposed Features:**

- grade and specialization organization of learning content
- allow students to enroll themselves in classes with a given password
- allow teachers to poll the class on different multiple choice questions
- keep track of student answers to questions
- related topics outside of current \*view\*
- automated marking with solutions that appear after \*genuine\* attempts
- Instructor help forum and/or chat (with screen/content sharing features)
- mock lectures similar to “The Organic Chemistry Tutor”-youtube format for applicable topics
- student profile+applicable stats/grades
- email updates from professor/course

## Use-Case Diagram



## Case Study Description

### 1. Enroll in a course

Primary actor: Student

Description: A student can choose from a list of courses which one he/she wants to enroll in

Precondition: The student should already have logged into the platform

Postcondition: The student is now added to a list of people in the course with their own unique profile

### 2. Access pre-recorded lecture slides

Primary actor: Student

Description: Allow a student to access a lectures within a specific date range

Precondition: The student should be enrolled in a course

Postcondition: The student can now view lectures for the course they picked and choose which lectures to view. Videos themselves can be stored externally.

### 3. Professor Receives an Assignment

Primary Actor: Instructor

Description: Instructor is notified and details/data about the assignment are saved

Precondition: Student hands in an assignment within timeframe

Postcondition: Instructor can grade, comment, and annotate a copy for their and/or student's view. The assignment grade effects the course grade accordingly

### User Story

As a professor, I want to be able to poll the class on various questions, so I can evaluate their in-class performance

Acceptance Criteria: teacher asks a question, clicks a 'start' button and on the students' screens the question appears with a list of options to choose from, with one of them being the correct answer

As a professor, in the profile, I want to see how many classes I am teaching and I can click in to manage the classes, so that I can upload teaching material and so on.

Acceptance Criteria: A portal shows the classes' names, and click the name to jump to the class main page for that class.

As a student, I want to be able to see my grade for different assignments, so I can assess how well I am performing in the class.

Acceptance Criteria: student clicks on a 'Grades' tab and a list of assignments pops up with the student's grades in the assignment next to them.

As a student, in the profile, I want to see how many classes I have registered and I can click in to access the class materials so that I can read them.

Acceptance Criteria: A portal shows the classes' names, and click the name to jump to the class main page for that class.