

## eLearning Portal

### Description

This application is for managing online learning. It helps teachers and students to keep track of their courses, homework assignments and grades.

### Project details

- Category: General
- Difficulty:
- Suggested stack: Not specified
- Approval status: Approved

### Target users

Students

Teachers

### Tags

MVP, Notes, Optional

### User Stories

#### Register

Students and teachers need to be able to create accounts before they can begin using the system

#### Log In

As a user of the system I need to ?log in? so that I can access the functionality that is available to me and view data that is relevant to me.

#### Create Course

As a teacher I need the ability to create new courses. Courses should include the following information.

- Name
- Description
- Difficulty Level
- Cost (For now all courses are free)

#### Create Curricula

As a teacher I need to be able to create a curriculum for each of my courses. A curriculum will include:

- Daily instruction
- This will include text and links to relevant resources
- Daily Homework assignments
- Homework could be a form that students fill out or assignments that they must submit.

### View Curricula

As a student I want to be able to view the curricula for the courses I am enrolled in so that I can see what topics are coming up and when homework assignments are due.

### Homework Submission

As a teacher, I want to be notified when a student submits homework so that I can give them timely feedback on their work.

### Homework Submission Notification

As a student, I want to be able to submit homework assignments so that the teacher can grade them.

### Course Progress

As a teacher I need to be able to see how each of my students are performing in each of my courses so that I can get help to those that are struggling.

### Student Progress

As a student I need to be able to monitor my progress through my courses so that I can tell if I am falling behind anywhere.

### Create Quizzes

As a teacher, I need to be able to create quizzes.

### Administer Quizzes

As a teacher I want to be able to begin and close a quiz for a course.

### Take Quizzes

As a student I need to be notified when there is a quiz for me to take so that I don't miss the testing window.

### Timed Quizzes

As a teacher I would like to be able to have quizzes close automatically after a predefined period of time.

### Shared Quizzes

As a teacher I would like to be able to share quizzes with other teachers so that we can collaborate on instructional material.

### Instructional material

As a teacher I would like to have the ability to embed YouTube videos into my instructional material so that I can more easily explain complex concepts for the course.

### Homework Upload

As a student I want to be able to upload additional files with my homework submissions so that I can use external editors if needed.

#### Course Forum

As a student I would like to be able to interact with a forum of my fellow students in my courses so that I can get help from them or provide help to them if needed.

#### Mobile Friendly Interface

As a user of the system, I want to be able to visit the site from my mobile device and have the interface react appropriately.