



ALX

Webstack -  
Portfolio Project

E-Learning System



Name of the project:

**E-Learning System**

List of team members:

This project will be done alone by -

**Mikiyas Adere**



# Description of the project

This project is final Webstack Portfolio Project for the short backend specialization of Software Engineering Program provided by ALX.

For this project I will try to develop E-learning system. The system will provide video, audio and/or text learning mechanism for the subjected course. As much as possible, I will try to make the system easy to use and navigate.



# Learning objectives

To familiarizing us on doing the a projects on specific problems and come up on best solution.

To introduce us on real programing world and inform some challenges of it.

To give us some coding experience

The system will give benefits for the user:

- To easily and freely get learning platform with video lecture, handouts, reference books for specific subject

- To help a lectures to share their knowledge and experience to the student that needs it.



# Technologies used

For this project we will use Python, Django Web framework on backend, MySQL for database management and HTML, CSS & JavaScript for frontend. As option, inbuilt SQLite database can be used.



# Challenges already identified

## Time:

Since I have full time job, time will be the main challenge I will be encountered on building this project. But, as much as possible, I will try to organize the schedule and did the project.

From technical side, the below lists may challenge up on doing the project:

- ❖ Attaching multiple documents for a specific course.
- ❖ Dividing the course in to modules and content
- ❖ Marking the course complete or taken by the user.

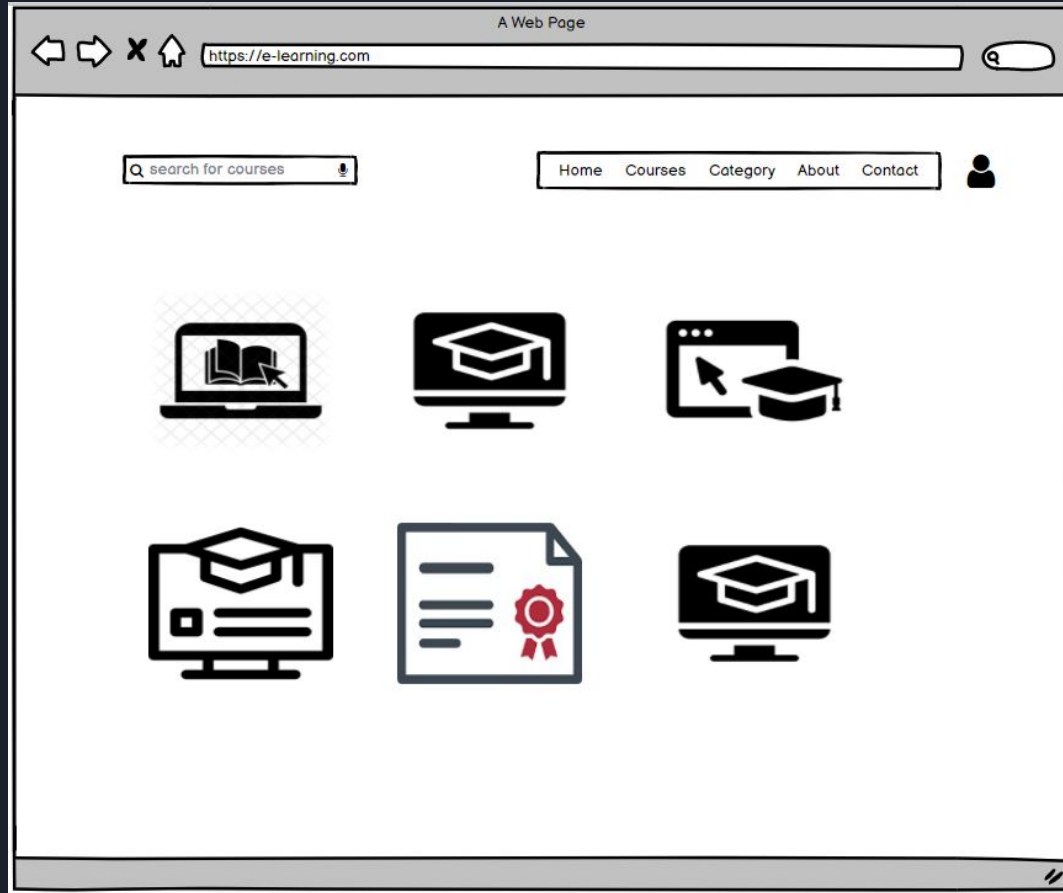


# Schedule

Please refer the below trello link to get schedule board.

<https://trello.com/invite/b/Bz1Pk53I/e3a7cdf86f458629f94ad4837443da29/alx-webstack-portfolio-project-e-learning-system>

# Mock-ups





# Mock-ups

