

Web Development Using Application Frameworks

Coding Assignment: Template

Instructions

Overview

The Template coding assignment is the second in a series of assignments in which we will be developing the EZ University database system, a full C-R-U-D database application for a simplified university record keeping. In the Template coding assignment, we create list pages for each of the EZ University database tables. This includes creating the template page, creating a function-based view, and creating an entry in `urls.py`.

Tools

I am expecting you to use the tools that are demonstrated in the tutorial videos: Anaconda, PyCharm, Git, and SourceTree.

Tool Versions

In the current semester, I am expecting you to use Python 3.6 and Django 2.1.X.

Tutorial Parts

This is a one-part tutorial. During the video, I demonstrate the required coding and testing activities for two of the six EZ University database tables:

- Instructor
- Section

At the end of the tutorial video, you are instructed to perform the coding and testing for the remaining tables on your own:

- Course
- Semester
- Student
- Registration

Deliverables

Please be sure that the project you submit includes the following:

1. A test user (username = "tester", password = "(secret)")
2. Sufficient test data present in the database to allow for testing all functions

Submission

Submit 1 properly named and properly organized zip file containing your PyCharm project. Remember to use the following naming conventions:

- Project Name: yourLastName_yourFirstName_ez_university
- File Name: yourLastName_yourFirstName_ez_university.zip

Due Date

Please see the Weekly Schedule for the date and time when this assignment is due.