

Web Development Using Application Frameworks

Coding Assignment: Model

Instructions

Overview

The Model coding assignment is the first 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 Model coding assignment, we create the Django model classes that implement the database functionality and test our code using the Admin data entry feature.

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

The tutorial has been divided into the following parts. Each of these parts has an associated tutorial video available on the Weekly Schedule page.

1. Get Started
2. Create and Test the Django Basic Django Model Classes
3. Add More Features to Model Classes, Test

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.