IS590WF – Web Development Using Application Frameworks
Coding Assignment: Link Pages
Instructions

Overview

The Link Pages coding assignment is the fourth 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 Link Pages coding assignment, we populate the `href` attributes in all of the pages that we created during earlier coding assignments. The result is a highly interlinked Web site that allows the user to pick any of the model classes as their entry point to this information system.

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 2.1.1.

Tutorial Parts

This is a three-part tutorial.

In Part 1, we begin by providing the code required to redirect the root URL to the appropriate page. Following that, we populate the `href` attributes for all of the links that are part of the navigation section in the base.html template. During the video, I demonstrate coding and testing for the following navigation links.

- Instructors
- Sections

At the end of the Part 1 tutorial video, you are instructed to perform similar coding and testing for the remaining navigation links on your own:

- Courses
- Semesters
- Students
- Registrations

In Part 2, we populate the `href` attributes for all of the links on the list pages. During the video, I demonstrate coding and testing for the following list pages.

- Instructor
- Section

At the end of the Part 2 tutorial video, you are instructed to perform similar coding and testing for the remaining list pages on your own:

- Course
- Semester
- Student
- Registration

In Part 3, we populate the `href` attributes for all of the links on the detail pages. During the video, I demonstrate coding and testing for the following detail pages.

- Instructor
- Section

At the end of the Part 3 tutorial video, you are instructed to perform similar coding and testing for the remaining detail pages 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.