

IS439 – Web Development Using Application Frameworks
Instructor: Kevin Trainor
Assignment: Final Project Deliverables
Course Component: Final Project
Grading Rubric

Submission

Timeliness (10 available points)

Requirements

Must be submitted by date and time indicated in the weekly schedule.

Percent Credit	Description
100	On Time
50	Up to 3 days late
0	More than 3 and up to 7 days late
0	Not submitted or submitted too late

Physical Submission (10 available points)

Requirements

One (and only one) submission should be made to the Canvas submission activity..

The file submitted must be a ZIP file that contains a proper PyCharm Django project.

File and directory names must conform to the conventions described in the instructions document.

Percent Credit	Description
100	Meets all expectations.
50	Meets nearly all expectations.
0	Does not meet expectations.
0	Not submitted or submitted too late.

Suitability of Submission for Grading (10 available points)

Requirements

Project must be suitable to be run by the grader as submitted.

Percent Credit	Description
100	Project is suitable for running and grading as first submitted.
50	Project must be resubmitted in order to be suitable for running and grading.
0	Despite resubmissions, the project is not suitable for running and grading.
0	The project was not submitted or was submitted too late.

Exercise 1 (Regular)

Project Size (20 available content points)

Requirements

Application has a Django Function Point score of 44 or greater.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Other Measures of Completeness (20 available content points)

Requirements

The project submitted must include a README.PDF document that conforms to the assignment instructions.

If an alternate virtual environment has been pre-approved, a requirements.txt file must be provided from which we can build a virtual environment to test your project.

Application demonstrates use of the Django models feature.

Application demonstrates use of the Django URL configuration feature.

Application demonstrates use of Django views features including class-based views and generic class-based views.

Application demonstrates use of Django templates feature.

Application demonstrates significant use of database add/change/delete functionality.

Application demonstrates use of appropriate Django authentication and permission features.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Technique (25 available content points)

Requirements

Code uses design features presented in the EZU tutorials.

Code follows good coding practices presented in the EZU tutorial.

All code is clean in that it does not cause error or warning messages to be raised by the PyCharm IDE.

Code passes tests by generating reasonable results and behavior.

Reasonable testing of the application does not trigger Python runtime errors.

Views within the project have been protected so that users may not hijack the authorization scheme by typing URLs into the browser address bar directly.

Code meets PEP-8 style guidelines as enforced by the PyCharm IDE.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Exercise 2 (Challenge)

Completeness (3 available content points)

Requirements

Submission identifies at least 3 customizations to the Django Admin app that make development and/or testing of the system easier.

Submission includes documentation of the Django Admin customizations that describes how these customizations can be used to make development and/or testing easier.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Technique (2 available content points)

Requirements

Code that implements the included Django customizations follows standards for Django coding demonstrated in our course.

Django customizations identified operate as expected when tested.

Documentation included on the Django customizations identified is professionally written with appropriate organization, grammar, spelling, punctuation, and choice of words.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Total Available Points = 100