Exercise 2.2: Django Project Set Up

Learning Goals

- Describe the basic structure of a Django project
- Summarize the difference between projects and apps
- Create a Django project and run it locally
- Create a superuser for a Django web application

Reflection Questions

1. Suppose you're in an interview. The interviewer gives you their company's website as an example, asking you to convert the website and its different parts into Django terms. How would you proceed? For this question, you can think about your dream company and look at their website for reference. (Hint: In the Exercise, you saw the example of the CareerFoundry website in the Project and Apps section.)

If I were to breakdown a restaurant website I would consider the website as a whole to be the project. The apps would include the individual modules such as menu, drinks, reservations and restaurant policies. The configuration files would allow the admin to work with the database. The database would store customer information for reservations.

2. In your own words, describe the steps you would take to deploy a basic Django application locally on your system.

Only a few steps are needed to deploy a basic Django application. First, activate your virtual environment. Second, create a project. Once project is created, run the migrations. This creates the necessary databases. Finally, run the server. Running the server deploys the application to the localhost.

3. Do some research about the Django admin site and write down how you'd use it during your web application development.

I would use the Django admin site using the CRUD method. This would help me create, retrieve, update, and delete records. This will make it easier for me to test the models while developing the app.