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.*)
   For example, Fitbit website, the whole website is a project. Inside the project there are login, products, and technology apps.

2. In your own words, describe the steps you would take to deploy a basic Django application locally on your system.
   After creating the Django project structure, for setting up and deploying the project, first, I would run migrations (python manage.py migrate) to create the database and then run the server to deploy the application to the local host. (python manage.py runserver)

3. Do some research about the Django admin site and write down how you'd use it during your web application development.
   The Django admin site is a feature of the Django web framework that provides a built-in interface for managing the data of the web application. It's an auto-generated web-based interface that allows developers and administrators to create, read, update, and delete records in the database without writing any additional code.