Exercise 2.2: Django Project Set Up

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.*)

   ANSWER: For example, in a music streaming app like 'Spotify', the entire web application is the 'project'. Within this project there are various 'apps' that perform different tasks like the 'login' app lets you authenticate yourself and log into your profile. While the 'library' app lets you see your saved playlists and songs.

2. In your own words, describe the steps you would take to deploy a basic Django application locally on your system.
   - First, I need to create a virtual environment and then activate it.
   - Install Django into that environment.
   - Start a new project using Django's built in tools commands.
   - A file structure for the application is created.
   - Run migration to create a database for the app.
   - Once the database is created, create a superuser for the admin panel.
   - Add apps to perform specific task within project.
   - Run the server in localhost.

3. Do some research about the Django admin site and write down how you'd use it during your web application development.
   ANSWER: The Django admin panel allows users to perform CRUD operations such as create, read, update, and delete directly on the model.