

## 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.)*
  - I'd begin by figuring out its parts and matching them with Django models. Then, I'd turn the pages into Django views and templates, set up URLs, and handle things like pictures and user interactions. Lastly, I'd test it, make it go live, and write down how everything works.
2. In your own words, describe the steps you would take to deploy a basic Django application locally on your system.
  - To deploy a basic Django app locally, I'd set up a virtual environment, install Django, create a project and app, define models and views, configure URLs, and run the development server. This allows me to access the app at 'http://127.0.0.1:8000/' for testing and development on my system.
3. Do some research about the Django admin site and write down how you'd use it during your web application development.
  - I'd use the Django admin site to easily manage my web app's database, handle user authentication and permissions, and customize the interface for a smoother administrative experience during the development.