

Exercise 2.2: Django Project Set Up

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 can take the bank website for example, the whole web application is the 'project'. Inside this project, there are multiple individual 'apps' that perform different tasks the 'login' app lets you get authenticated and login to your profile page and the 'portfolio' app lets you see your investments holdings page.

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

I first need to install Django then start a new project using commands from Django's built-in tools. This will create the general file structure for my app. Then run migrations to create a database for the app of the type I configured on the settings.py file of my project. Once I've created the database I would create a super-user for the admin and update my database. Then I would add apps to my project that perform specific functions within the project. Finally, I would run the server in the local host.

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 panel is an interface where users can create, read, update and delete the model directly. It is an instant interface where users can manage the contents of the site using CRUD operations, which saves a lot of development time.