### 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.*)

For example, in booking app like booking.com, the whole web application can be regarded as a project. Inside this project, there are multiple modules with specific functionality like ‘login’, ‘accommodations’ and ‘profile’ and they can be considered as apps in Django terms.

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

You first need to create a new virtual environment and install Django inside the environment. You can then start new Django project using Django’s command-line utility which will create a general structure of the application.

Next step is to run migrations which creates the necessary database tables for the first time you run the command. Any future changes to the database will also require to run migrations again.

Once you set up database, you should create superuser for the admin. You can add apps that perform specific functions inside project and finally run the server which deploys the application on the localhost.

1. 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 which allows users to perform CRUD operations on the model directly. I would use it as it saves a lot of development time.