### 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.*)

Let’s say that Volleback wanted to convert their websites into django terms, I would create individual modules for customers, items of clothing, sales, reviews, news and login while treating the entire website as the project.

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

I first create a virtual environment, and I activate it. After that , inside the virtual env. i’ll install django and then I’ll create the project : django-admin.exe startproject <project name>.

I’ll then initiate migration :py manage.py migrate and I’ll start the server : py manage.py runserver.

Then I’ll create a superuser for the project: python manage.py createsuperuser(I’ll set username, email and password) and after running the server I’ll check if the superuser was created.

1. Do some research about the Django admin site and write down how you’d use it during your web application development.

With the admin site I’ll be able to ass, edit and delete record in my database through the admin interface; I’ll be also allowed to search and filter records.

I’ll be able to manage accounts, creating new users, resetting passwords and defining user permissions.

In the development phase it allows me to quickly interact with my data without building dedicated user interfaces .