

Python for Web Developers Learning Journal

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.

In Django terms, the Meta website is considered a project. The Meta website includes apps such as the login, messenger, marketplace, and the account page. Each app has a particular function, for example messenger displays all the user's messages and marketplace displays all the listings posted.

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 application locally on your system, you need to run migrations and then run the server. Running migrations for the first time will create a database which can be done with the "python manage.py migrate" command into the terminal or can be configured in the settings.py file if you'd like to use another database than SQLite. To run the server, you need to input the "python manage.py runserver" command into the terminal. From there, you will need to click the server link that will direct you to the landing page's congratulations message.

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 site allows you to manage the applications's data through a GUI. You can perform all CRUD operations on your models directly in the browser.