

Task 2.2:

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.

For example, in a movie app like Netflix, the whole web application is the 'project'. Inside this project there are multiple individual 'apps' that perform different tasks like the 'login' app lets you get authenticated and login to your profile page and the 'profile' app lets you see your favorite movies.

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 create a virtual environment and then activate it and 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. I would then run migrations to create database for the app of the type I configured on the settings.py file of my project. Once I've created database, I would create superuser for the admin. Then I would add apps to my project that perform specific functions within the project. Finally, I would run the server in 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 on the model directly. It is an instant interface where user can manage contents of the site using CRUD operations, which saves a lot of development time.