

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.

Let's take the website of an online clothing store, as an example. I'd map the main sections of the website, such as the homepage, product catalog, and shopping cart, to Django apps like home, products, and cart. I'd then identify the models, views, and templates needed for each app, such as Product, ProductListView, and product_list.html.

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, I'd create a new Django project, create a new Django app, define models, views, and templates, run migrations. Then I'd add apps to my project that perform specific functions within the project. And finally 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.

To use the Django admin site, I would create a superuser account, define admin classes for each model, register the admin classes, and access the admin site to manage data in the application's database. It is an instant interface where users can manage the contents of the site using CRUD operations, which saves a lot of time.