CAREERFOUNDRY

Python for Web Developers Learning Journal

Exercise 2.3: Django Models

Learning Goals

- Discuss Django models, the "M" part of Django's MVT architecture
- Create apps and models representing different parts of your web application
- Write and run automated tests

Reflection Questions

1. Do some research on Django models. In your own words, write down how Django models work and what their benefits are.

   Models are Python objects that Django web applications use to access and manage data from the database. They are used to create tables, their fields, and various constraints. The benefits of using models is that you don't have to push SQL queries to your database for each operation which saves time.

2. In your own words, explain why it is crucial to write test cases from the beginning of a project. You can take an example project to explain your answer.

   It is crucial to write test cases from the beginning of a project because it prevents problems from occurring and makes you focus on the application's requirements and expected results early in the development stage. Additionally, it increases coverage and reliability for your project.