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.*

Django models are Python classes that define the data structure in a database. They simplify working with databases by handling data organization, validation, querying, and relationships. Benefits include easy setup, data validation, simple queries, relationship management, and a built-in admin interface.

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.*

Writing test cases from the beginning of a project is crucial because it helps catch bugs early, ensure proper functionality, support code maintenance, and foster team collaboration.