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. Django models define the structure of the data stored in the database, including field types, default values, the maximum size of the stored data, and so on.

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's important to write test cases to catch bugs as they occur, because these tests save time, they prevent problems from occurring, and make the code more reliable. Tests also provide documentation for the code.
   For example, starting with test cases for features of a web application early on provides feedback on if the features work as expected.