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.

   A Django model is a table in your database – it uses a python class to define the essential fields and behaviors of the data to be added into the database. A benefit to using Django models is that it handles the communication with the database, so you don't have to push SQL queries to the database each time you execute an operation.

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 and running tests early in the development of a project is important, and recommended, because it helps catch bugs as they occur. It can also help prevent bugs because writing the tests give you a clear idea of what requirements and expected behavior your code should meet.