

## 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

- ❖ 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 objects that Django web applications access and manage data through. Models define the structure of stored data, including field types, maximum sizes, default values, help text, etc. Their benefits involve simplifying the communication and interaction with the database.
- ❖ 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 to catch and fix bugs early on before they cause larger issues down the line. Writing tests early on also helps the developer think about the requirements and expected results of the app and functions. It also saves time from manually testing the codebase as changes are made.