

## 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.
- Models are a built in features that Django uses to create tables, their fields and content. Each model class maps to a single database table, and the attributes of the class represent the columns in the table.
- 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 ensures that your code works as expected and helps catch bugs early. For example, in a to-do list app, having test cases for adding, deleting, and updating tasks can prevent future issues when new features are added.