

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 classes that define the structure of a database table and the data that is stored within it. The classes represent data and logic of an application and it communicates with the database. A few benefits of using Django models include scalability, security, and reusability. These features make it so Django Models make it easier for developers to build large applications that are scalable.

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 is crucial because it helps ensure that the application is working as it was intended too. This creates instructions for how the application is supposed to be function by correctly checking the inputs and outputs of the features. This allows for the developer to catch and fix any bug early in the development process.