

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.

Django models are used to define how information should be stored for the different parts of your application for later use. These models allow you to specify what information should be there, the data type, the default data, limits on the information and many other specifics. Defining this information before adding it into your program allows for more expected results as you start developing the application further.

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.

Tests are important so that all of the general features that have already been created can be tested as new things are added to the site without manual checks on everything. Once an application gets very large it would take a long time to check every single thing that has been created for an application so tests can save a lot of time. Tests are also extremely useful when working as a team so that you can see if what you or someone else has coded affects other parts of the application and will break things that have already been designed.