

Learning Journal 2.3

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 objects used to access and manage data from the database, they define the structure of the data stored in the database. The benefit to using this is you only have to write to model structure and some code and Django manages the communication with the database. You don't have to worry about pushing SQL queries to your database for each 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 tests from the beginning helps save time due to you not having to repeatedly check everything manually as your application grows, they prevent future problems from occurring, they can cover low level details of your apps function that you may overlook, they make your code more trustworthy, they make sure no one can break your code, and it is a way to document your code and show how it is supposed to behave.