

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 Python objects that web apps use to access and manage data from the database. They can define the structure of the data being stored, and Django can manage the communication with the database on dev's behalf, like an ORM would. Models can define object structure such as max values, default values, field types, etc.

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.

It is important to write test cases from the start as this puts in the best practice from the beginning. Having tests set out from the start allows devs to have a more in depth understanding of what their logic needs to accomplish, catch bugs as they occur rather than far later, and allows far less edge-case errors to make it to the client. Code that has implemented testing from the start is far more secure, trustworthy and strong compared to code without.