

Admin.py

Admin.py file is used to register models in the admin interface.

This allows django to generate forms based on model information document the project and manage data securely

Admin interface:

It is one of the powerful parts of django is automatic admin interface.

It reads metadata from your models to provide a quick,model-centric interface where trusted users can manage content on your site.

Model.py

The model.py file defines the structure of an application's database.

models are python objects that represent a single table in a database.

Each model is a collection of fields,methods,and metadata that define the essential information about the data being stored.

Test.py

test.py is a default file that contain tests for an application.

This file contains one or more test cases,which are subclasses of the django TestCase class.

Views.py

In django views are functions and classes.

it take a web request and give the web response.

The response can be simple HTTP response.and HTTP redirect response that redirect a user to another page.

Setting.py

setting.py file is used to store configuration information in django.

It contains URL sites,paths to various directories and other values that the executable code may use.

By changing and supplementing this file,the developer configure Django project.

urls.py

In django urls are defined in urls.py file.

This file contains a list of url patterns that map to views.

This url patterns are defined as a regular expression that matches a url

__init__.py

__init__.py file marks a directory as a python package.

It is used to initialize the package when it is imported.

It can also define how import statements work and run initialization code automatically.

Migrations

Migration is a way to propagate changes to your models into your database scheme.

They are designed to be mostly automatic, but you will need to know when to make migrations, when to run them.