The project folder has certain files

Manage.py, it is used to run management commands

Settings.py, contains project configuration

\_\_init\_\_.py, this tells that this folder is python package

Urls.py, used to map the routes and paths in your project

Wsgi.py, gateway interface for deployment

**Django philosophy**

App, web app does something; it is usually composed of models, views, templates and tests

Project, it is a collection of apps

You can’t run a Django app without a project

**Stuff inside the app directory**

Migrations, keep track of the changes done to models such that it can keep the database and models synchronized

Admin.py, configuration for built in Django admin app

Apps.py, config file for the app

Models.py, the models are translated into Django tables by default, here you can define those entities

Test.py, used to write unit tests for the app

Views.py, this is the file where we handle the request/response cycle of the web application

Django app already comes with default apps, to add additional app you will have to add that to the settings page

**Views**

Views are python functions that receive the http request and returns the http response

**URLS**

After you have created a view, you need to tell Django when to serve it

You do that by modifying the urls page

Regex to match an empty string ^$, this matches the empty string which means the home page

If you wanted to match the home page you could have written ^homepage$