Django Cheat Sheet

by Law122 via cheatography.com/198098/cs/41871/

Models

Code	What it does
user = models.ForeignKey(User, on_delete=models.CASCADE, null=True, blank=True)	User the default django user (import it firstly)
title = models.CharField(max_length=200)	Char Field
description = models.TextField(null=True, blank=True)	Text Field
complete = models.BooleanField(default=False)	Boolean Field
created = models.DateTimeField(auto_now_add=True)	Date Time Field
def __str__(self): return self.title	The string representation of the model
class Meta: ordering = ['complete']	Ordering the data

File Edits

The file	The change	What it does
settings.py	APP_Name.apps.APP_NameConfig	To add the new app to django settings
urls.py (of the app)	from django.urls import path	To import the path
urls.py (of the app)	from . import views	To import the view file
urls.py (of the app)	urlpatterns = [ ]	To add the urls you need
urls.py (of the project)	from django.urls import path, include	Import include
urls.py (of the project)	path('', include('App_Name.urls')),	To add the application urls
models.py	from django.contrib.auth.models import User	To user the default user tabel from django
admin.py	from .models import Model_Name	To import the new created model
admin.py	admin.site.register(Model_Name)	To add the new created model to the admin panel

Commands

Command	What it does
python -m venv env	Create virtual environment
"./env/Scripts/activate"	Activate python virtual environment
pip install django	To install django
django-admin startproject Project_Name	To create the project
python manage.py startapp APP_Name	To create an app inside the project
python manage.py runserver	To run the server
python manage.py makemigrations	Changes in the DB
python manage.py migrate	Send the changes to the DB
python manage.py createsuperuser	Make an admin user

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