Django Requirements

- Python 3.0 or Higher

  python --version

- PIP

  pip --version

- Text/Code Editor/IDE – Notepad++, VS Code, ATOM, Brackets, PyCharm

- Web Browser – Google Chrome, Mozilla Firefox, Edge

Check Django is installed or Not

django-admin --version

How to install Django

- Separate Virtual Environment

- Globally

Install Django in Separate Environment

Install Virtual Environment Wrapper

pip install virtualenvwrapper-win – This is used to install Virtual environment wrapper.

Create Virtual Environment (VE)

mkvirtualenv envname – This is used to create virtual environment. It will automatically activate environment.

Active VE

workon envname – This is used to activate environment.

Install Django in Created VE

pip install django – First activate environment then run the command to install django within active environment. You can also specify version *pip install django==2.0*

Django Project

A Django Project may contain multiple Project Application, which means a group of Application and files is called as Django Project.

An Application is a Part of Django Project.

SchoolProject
- Registration App
- Fees App
- Exam App
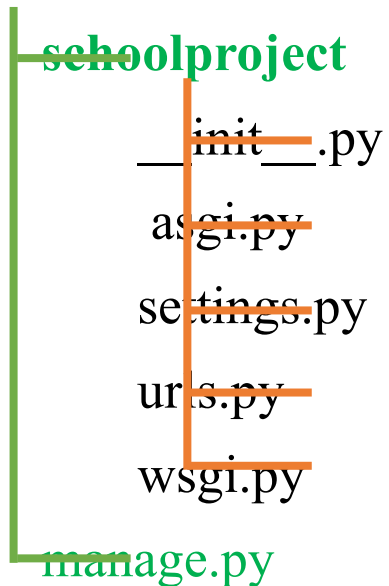- Attendance App
- Result App

Create Django Project
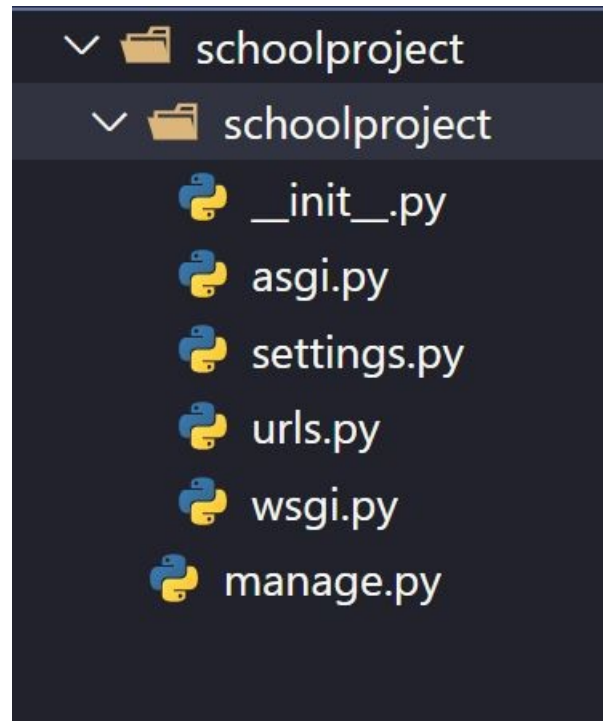
Syntax: -

django-admin startproject projectname

Example:-

django-admin startproject schoolproject

schoolproject

- ~~**schoolproject**~~
  - ~~__init__.py~~
  - ~~asgi.py~~
  - ~~settings.py~~
  - ~~urls.py~~
  - ~~wsgi.py~~
- ~~manage.py~~

Uninstall Django from Separate Environment

Active Virtual Environment (VE)

workon envname – This is used to activate environment.

Uninstall Django from VE

pip uninstall django – This is used to uninstall django.

Remove Virtual Environment

rmvirtualenv envname – This is used to remove virtual environment.

Uninstall Virtual Environment Wrapper

pip uninstall virtualenvwrapper-win – This is used to uninstall Virtual environment wrapper.

How to install Django

- Separate Virtual Environment

- Globally

Django Requirements

- Python 3.0 or Higher

    python --version

- PIP

    pip --version

- Text/Code Editor/IDE – Notepad++, VS Code, ATOM, Brackets, PyCharm

- Web Browser – Google Chrome, Mozilla Firefox, Edge

Check Django is installed or Not

django-admin --version

How to Install Django

pip install django – This is used to install Django.

For Version Specific

pip install django==2.0

How to Uninstall Django

pip uninstall django

Django Project

A Django Project may contain multiple Project Application, which means a group of Application and files is called as Django Project.

An Application is a Part of Django Project.

SchoolProject
- Registration App
- Fees App
- Exam App
- Attendance App
- Result App

Create Django Project

Syntax: -

django-admin startproject *projectname*

Example:-

django-admin startproject *schoolproject*

schoolproject

- **schoolproject**
    - __init__.py
    - asgi.py
    - settings.py
    - urls.py
    - wsgi.py
- manage.py