

Date: 7/29/24

Django

Day: Monday

we will completing our Django framework with the python from the Youtube channel "Geeky shows"

video 1

what is framework:

A framework is a set of conceptual structure and guidelines, used to build something useful.

A framework may include predefined classes and functions that can used to process input, manage hardware devices, and interact with System Software.

Building a unique features for their project rather than writing code from scratch.

Date: Lecture no. 2

Day: \_\_\_\_\_

A web framework or web application framework (WAF) which helps to build web Application.

More than 80% of all web app frameworks rely on the Model view controller architecture.

Lecture no. 3

The MVT is an design pattern that separates an application into three main logical components Model, view and template. It may also have required logic.



## Lecture : 8

Django is a free open source python based high level web framework. It follows the model view template.

## Lecture : 9

install Django.

- Python
- Pip
- Code Editor
- web Browser.

How to install django

→ Pip install django

How to check Python django is install

→ `django-admin --version`

Day: \_\_\_\_\_

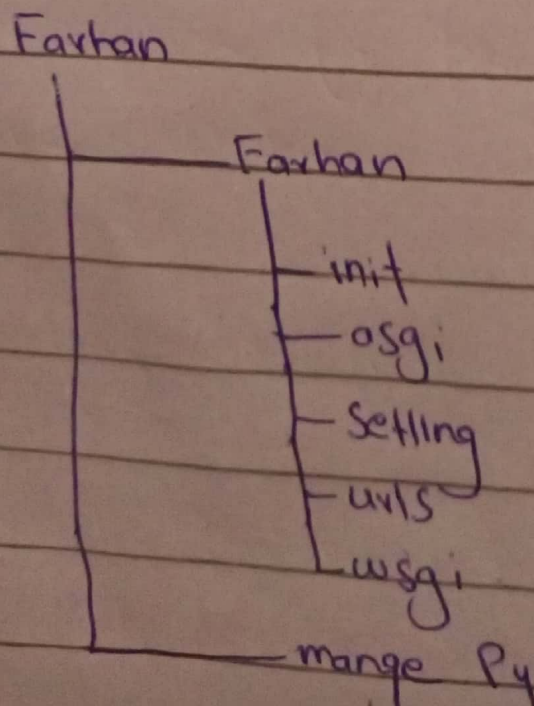
Django project: A django project may contain multiple project Application, which means a group of Application and files is called as django project.

Syntax:

django-admin startproject Proj-name

eg.

django-admin startproject Farhan





First we can chose the path where we can store the our project

-> C-Drive create a file (Farhan)

-> open cmd

come in c drive

then come in file with the Command cd

-> django-admin startproject Farhan

-> then cd in the inner file  
cd Farhan

then we will run this.

-> Python manage.py runserver

Control the Server

-> ctrl + C

## Lecture 17:

A Django project contains one or more applications which means we create application inside project folder

Syntax: Python manage.py startapp appname

Creating one application inside

→ Go to project folder.

Run cmd → Python manage.py startapp course

Creating multiple Applications.

→ Go to project folder.

→ Python manage.py startapp course

→ Python manage.py startapp coo5



Date: open setting.py file

Day: \_\_\_\_\_

```
installed_APPS = [  
    django.contrib.admin  
    application_name1;  
]
```

save setting.py file

### \* Geeky Steps:

- Create project: `django-admin startproject geekyshow`
- change Directory to Django project:  
`cd geekyshow`
- Create Django Application:  
`python manage.py startapp course`
- Add/Install Application to Django Project (course to geekyshow)
  - open setting.py
  - Add course
- installed\_APPS = `[django.contrib.admin, course]`
- Save setting.py
- run server  
`python manage.py runserver`

Day: \_\_\_\_\_

# \* for the multiple Application

- create django project:  
django-admin startproject geekyshow
- change Directory to Django Project  
cd geekyshows
- create Django Application 1:  
Python manage.py startapp course
- create Django Application 2:  
Python manage.py startapp fees
- create Django Application 3:  
Python manage.py startapp result
- add /install
  - open setting.py
  - add course, fees, result