

Django Templates

View Meant for Business Logic

Templates means for presentation logic/ Frontend

MVC design pattern/Architecture

M -> Model (Business Logic)

V -> View (Presentation Logic)

C -> Controller (Coordination)

MVC design pattern/Architecture

M -> Model

V -> View (python file)

T -> Template (html file)

It is recommended to write html inside python file(Views.py)because

- 1. It Reduces Readability because, python code mixed with html code**
- 2. It does not promote code reusability**

We can overcome this problem by separating html code and python code in different file

This html file nothing but Templates.

Creation of Project

```
django-admin startproject templateproject
cd templateproject
```

Create Application

```
python3 manage.py startapp testapp
```

Add Application in setting.py

```
INSTALLED_APPS = [  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
    'testapp'  
]
```

Create 'templates' folder inside our main project folder in That templates folder create

Separate folder named as html_folder

Add templates folder location to setting.py so that Django can aware of our templates.

```
BASE_DIR = Path(__file__).resolve().parent.parent  
TEMPLATE_DIR = BASE_DIR / 'templates'  
  
TEMPLATES = [  
    {  
        'BACKEND': 'django.template.backends.django.DjangoTemplates',  
        'DIRS': [TEMPLATE_DIR],  
        'APP_DIRS': True,  
        'OPTIONS': {  
            'context_processors': [  
                'django.template.context_processors.debug',  
                'django.template.context_processors.request',  
                'django.contrib.auth.context_processors.auth',  
                'django.contrib.messages.context_processors.messages',  
            ],  
        },  
    ],  
]
```

Define function Based view inside views.py

```
from django.shortcuts import render
```

Create your views here.

def wish(request):

return (render,'html/wish.html')

Define url pattern at application level or project level

Start server

Send request