**Django PDF**

* Here, we will learn how to design and generate PDF file using Django view.
* To generate PDF, we will use ReportLab Python PDF library that creates customized dynamic PDF.

pip install reportlab

* After installing, we can import it by import keyword in the view file.
* Below is a simple PDF example, in which we are outputting a string message "Hello Django".
* This library provides a canvas and tools that are used to generate customized PDF.

**views.py**

from reportlab.pdfgen import canvas

from django.http import HttpResponse

def getpdf(request):

    response = HttpResponse(content\_type='application/pdf')

    response['Content-Disposition'] = 'attachment; filename="file.pdf"'

    p = canvas.Canvas(response)

    p.setFont("Times-Roman", 55)

    p.drawString(100,700, "Hello, Django.")

    p.showPage()

    p.save()

    return response

* First, provide MIME (content) type as application/pdf, so that output generates as PDF rather than HTML,
* Set Content-Disposition in which provide header as attachment and output file name.
* Pass response argument to the canvas and drawstring to write the string after that apply to the save() method and return response.

**urls.py**

from django.contrib import admin

from django.urls import path

from admissions import views

urlpatterns = [

    path('admin/', admin.site.urls),

    path('getpdf/',views.getpdf),

]

**To run the server application**

python manage.py runserver

* Go to browser window and type this url http://127.0.0.1:8000
* It will shows the view action and choose the view particular action

http://127.0.0.1:8000/getpdf