**Uploading and Displaying Images**

Models.py

from django.db import models

# Create your models here.

class Hotel(models.Model):

    name=models.CharField(max\_length=50)

    hotel\_Main\_Img=models.ImageField(upload\_to="images/")

forms.py

from imageapp import models

from django import forms

class HotelForm(forms.ModelForm):

    class Meta:

        model=models.Hotel

        fields="\_\_all\_\_"

**templates:**

display\_hotel\_images.html

<!DOCTYPE html> <html lang="en">

    <head>

        <meta charset="UTF-8">

        <title>Hotel Images</title>

    <meta name="viewport" content="width=device-width, initial- scale=1">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.mi n.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"> </script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.j s"> </script>

    </head>

    <body>

    {% for hotel in hotel\_images %}

    <div class="col-md-4"> {{ hotel.name }}

    <img src="{{hotel.hotel\_Main\_Img.url}}" class="img-responsive" style="width: 100%; float: left; margin-right: 10px;" /> </div>

    {% endfor %}

</body>

</html>

**Delete\_image.html**

<html>

    <body>

        <form method="post" action="/deleteview">

            {% csrf\_token %}

            <h2> Id <input type=text name="id"><br>

            <input type="submit" value="delete">

           </h2>

</body>

</html>

**hotel\_image\_form.html**

<html>

    <body>

        <form method = "post" enctype="multipart/form-data">

            {% csrf\_token %}

            {{ form.as\_p }}

        <button type="submit">Upload</button>

         </form> </body> </html>

    </body>

</html>

Views.py

from imageapp.models import Hotel

from django.http import HttpResponse

from django.shortcuts import render

from django.shortcuts import redirect

from .forms import \*

import os

import os.path

# Create your views here.

def hotel\_image\_view(request):

    if request.method == 'POST':

        form = HotelForm(request.POST, request.FILES)

        if form.is\_valid():

            form.save()

            return redirect('success')

    else:

        form = HotelForm()

        return render(request, 'hotel\_image\_form.html', {'form' : form})

def success(request):

    return HttpResponse('successfully uploaded')

def success1(request):

    return HttpResponse('successfully deleted')

def display\_hotel\_images(request):

    if request.method == 'GET':

        # getting all the objects of hotel.

        Hotels = Hotel.objects.all()

        return render(request, 'display\_hotel\_images.html',{'hotel\_images' : Hotels})

def delete\_view(request):

    if request.method=="POST":

        id=request.POST.get("id")

        hotel=Hotel.objects.get(id=id)

        filepath=hotel.hotel\_Main\_Img.url

        os.remove("c:\\users\\nit\\imageproject\\"+filepath)

        hotel.delete()

        return redirect("success1")

    else:

        return render(request,"delete\_image.html")

**urls.py**

from django.contrib import admin

from django.urls import path

from imageapp import views

urlpatterns = [

    path('admin/', admin.site.urls),

    path('image\_upload', views. hotel\_image\_view, name = 'image\_upload'),

    path('success', views. success, name = 'success'),

    path('hotel\_images', views.display\_hotel\_images, name = 'hotel\_images'),

    path('deleteview',views.delete\_view,name='deleteview'),

    path('success1',views.success1,name='success1')

]

**settings.py**

INSTALLED\_APPS = [

    'django.contrib.admin',

    'django.contrib.auth',

    'django.contrib.contenttypes',

    'django.contrib.sessions',

    'django.contrib.messages',

    'django.contrib.staticfiles',

    'imageapp',

]

import os.path

template\_path=os.path.join(BASE\_DIR,"templates")

TEMPLATES = [

    {

        'BACKEND': 'django.template.backends.django.DjangoTemplates',

        'DIRS': [template\_path],

        'APP\_DIRS': True,

        'OPTIONS': {

**Sending Email using Django**