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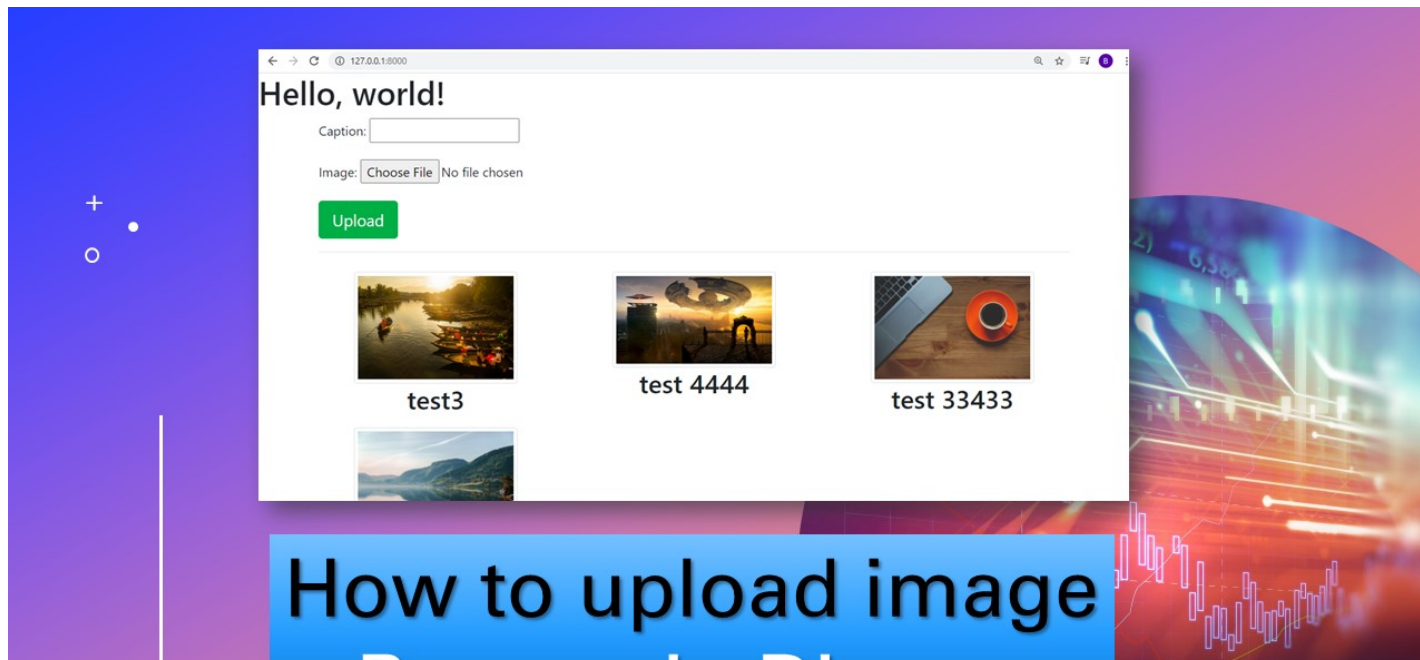
blearningclub.com Printed on May 23, 2021

HOW TO UPLOAD IMAGE IN DJANGO BY USER

September 22, 2020

Categories: Django

Tags: django, django beginner tutorial





How to upload image in django by userstep by step tutorial . Also you get know how to upload image when user login in django . upload image is a great concept for any beginners , in this tutorial you will know lot of concept

At first create django project and django app (e.g.: app name image)

```
django-admin startproject project .  
django-admin startapp image
```

Now go to settings.py inside project installed the app image:

```
INSTALLED_APPS =
```

Now go to urls.py inside the project and include the url for app :

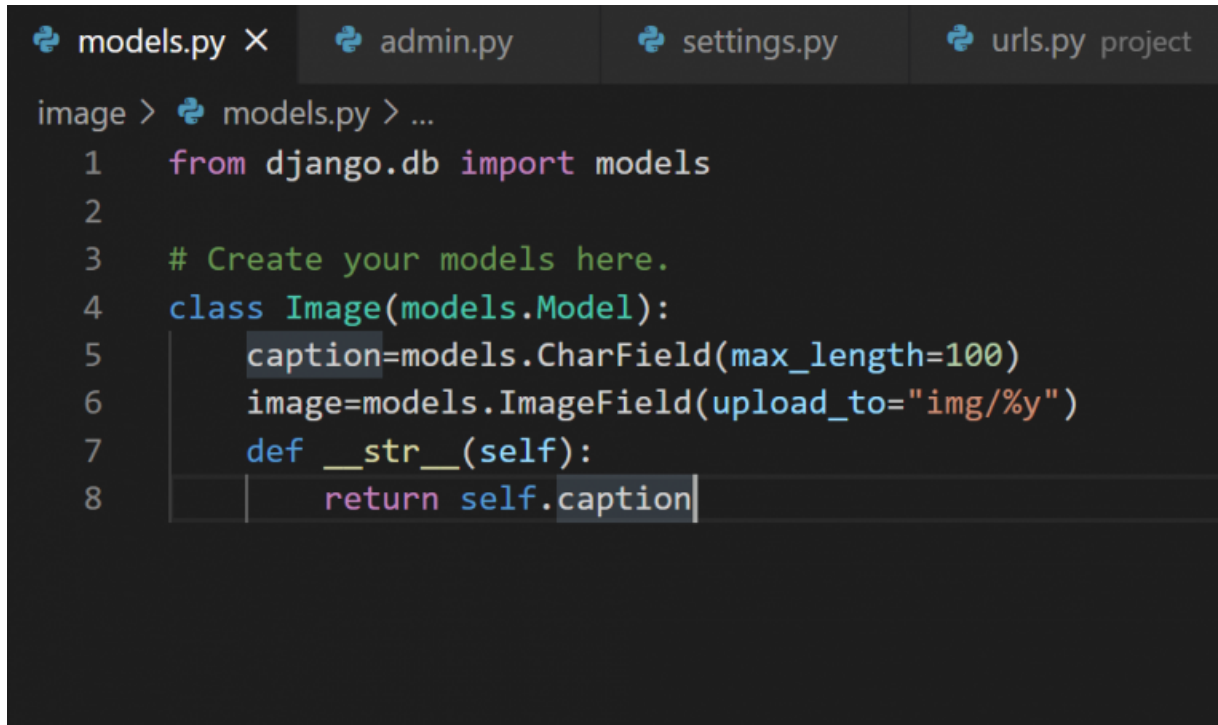
```
from django.urls import path,include  
urlpatterns =
```

Now go to models.py in image app and edit this:

```
from django.db import models
```

```
# Create your models here.

class Image(models.Model):
    caption=models.CharField(max_length=100)
    image=models.ImageField(upload_to="img/%y")
    def __str__(self):
        return self.caption
```



```
models.py X admin.py settings.py urls.py project
image > models.py > ...
1  from django.db import models
2
3  # Create your models here.
4  class Image(models.Model):
5      caption=models.CharField(max_length=100)
6      image=models.ImageField(upload_to="img/%y")
7      def __str__(self):
8          return self.caption
```

Now go to admin.py and register the model :

```
from django.contrib import admin

# Register your models here.
```

```
from .models import Image
admin.site.register(Image)
```

Now create form.py inside image app folder :

```
from django import forms
from .models import Image

class ImageForm(forms.ModelForm):
    class Meta:
        model=Image
        fields=("caption","image")
```

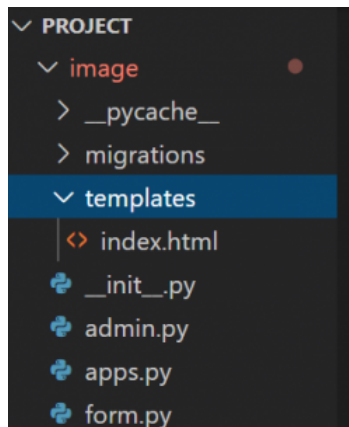
Now go to views.py and edit it:

```
from django.shortcuts import render,redirect
from .form import ImageForm
from .models import Image

# Create your views here.
def index(request):
```

```
if request.method == "POST":
    form=ImageForm(data=request.POST,files=request.FILES)
    if form.is_valid():
        form.save()
        obj=form.instance
        return render(request,"index.html",{"obj":obj})
else:
    form=ImageForm()
img=Image.objects.all()
return render(request,"index.html",{"img":img,"form":form})
```

Now go to image app folder and create folder name “templates” & now create index.html :



First copy the bootstrap starter templates .

```
<h1>Hello, world!</h1>
<div class="container">
```

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

    {% csrf_token %}
    {{form.as_p}}

    <button type="submit" class="btn btn-lg btn-success">Upload</button>
</form>
```

```
{% if obj %}
<h3>Succesfully uploaded : {{img_obj.caption}}</h3>

{% endif %}
<hr>
```

```
{% for x in img %}
{% if forloop.first %}<div class="row ">{% endif %}
    <div class="col-lg-4 col-md-4 col-12" >
<div class="text-center mt-2">
    
    <h2 class="text-center" >{{x.caption}}</h2></div>
</div>
    {% if forloop.counter|divisibleby:3 %}
</div>
<div class=row>{% endif %}
```

```
        {% if forloop.last %}</div>{% endif %}  
  
    {% endfor %}  
  
</div>
```

Now create file urls.py inside image app and edit this :

```
from django.urls import path  
from . import views  
  
urlpatterns =
```

NOW IMPORTANT THINGS : ADD MEDIA ROOT TO THE URL :

Now go to setting.py inside project and add media root and media url:

```
STATIC_URL = '/static/'  
MEDIA_URL = "/media/"  
MEDIA_ROOT = os.path.join(BASE_DIR, "media/")
```

So now go to `urls.py` inside the project and edit this :

```
from django.contrib import admin
from django.urls import path,include
from django.conf import settings
from django.conf.urls.static import static

urlpatterns =

if settings.DEBUG:
    urlpatterns += static(settings.MEDIA_URL,document_root=settings.MEDIA_ROOT)
```

If you do not do this then it will not work :


finally it look like this :

← → ↻ 127.0.0.1:8000 🔍 ☆ ☰ ⑧ ⋮


Hello, world!

Caption:


Image: No file chosen




test3



test 4444



test 33433



So i think you have an idea how to upload image by user .For any query you can contact us by providing proper details .