

Insertion form

pt.msn.com localhost:8000/brGuitars/up (126) Django Forms - Save F x +

localhost:8000/brGuitars/uploadLuthier

SMS Tutorial: Rea... Novo separador The Java 3D Grap... Aviatrix3D Downl... Java 3D Parent Pr... MemoryMappedF... noSQL

Name: Country: Birth: Death: Pic:


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localhost:8000/brGuitars/luthiers/4/

SMS Tutorial: Rea... Novo separador The Java 3D Grap... Aviatrix3D Downl... Java 3D Parent F

LUTHIER

Pedro details



Country: Portugal

Birth: 1986

Death: 2010

Guitars:

No guitar to show.

Add to urls.py

`path('uploadLuthier',views.uploadLuthier,name='uploadLuthier'),`

```
from django.urls import path

from . import views

urlpatterns = [
    path('', views.index, name='index'),

    #Luthiers
    path('luthiers', views.luthiers, name='luthiers'),
    path('luthiers/<int:luthier_id>/', views.luthierDetails, name='luthierDetails'),
    path('uploadLuthier',views.uploadLuthier,name='uploadLuthier'),
    #artists
    path('artists', views.artists, name='artists'),
    path('artists/<int:artist_id>/', views.artistDetails, name='artistDetails'),

    #recordings
    path('recordings', views.recordings, name='recordings'),
    path('recordings/<int:rec_id>/', views.recordingDetails, name='recordingDetails'),

    #guitars
    path('guitars', views.guitars, name='guitars'),
    path('guitars/<int:guitar_id>/', views.guitarDetails, name='guitarDetails'),

    #guitarPics
    path('guitarPics', views.guitarPics, name='guitarPics'),

    #guitarsTable
    path('guitarsTable', views.guitarsTable, name='guitarsTable'),

    #guitarDetails
    path('guitarsDetails', views.guitarsDetails, name='guitarsDetails'),
]
```

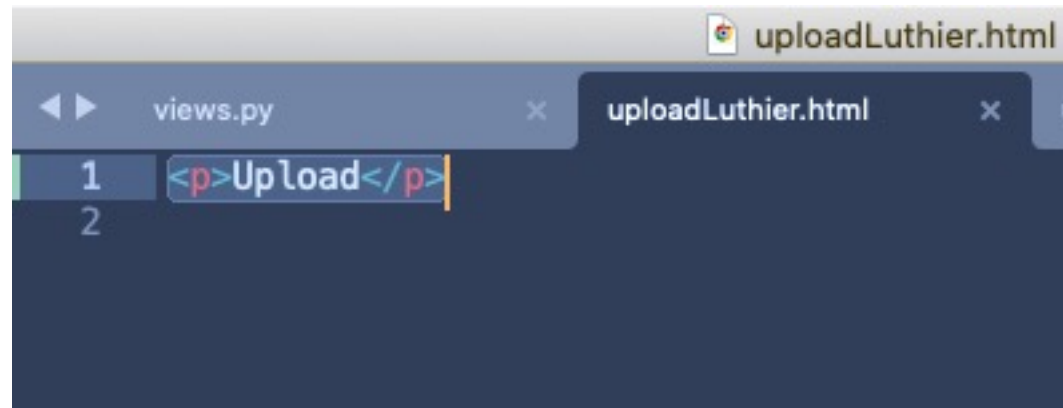
Add to view.py ...

```
def uploadLuthier(request):  
    return render(request, 'brGuitars/uploadLuthier.html')
```

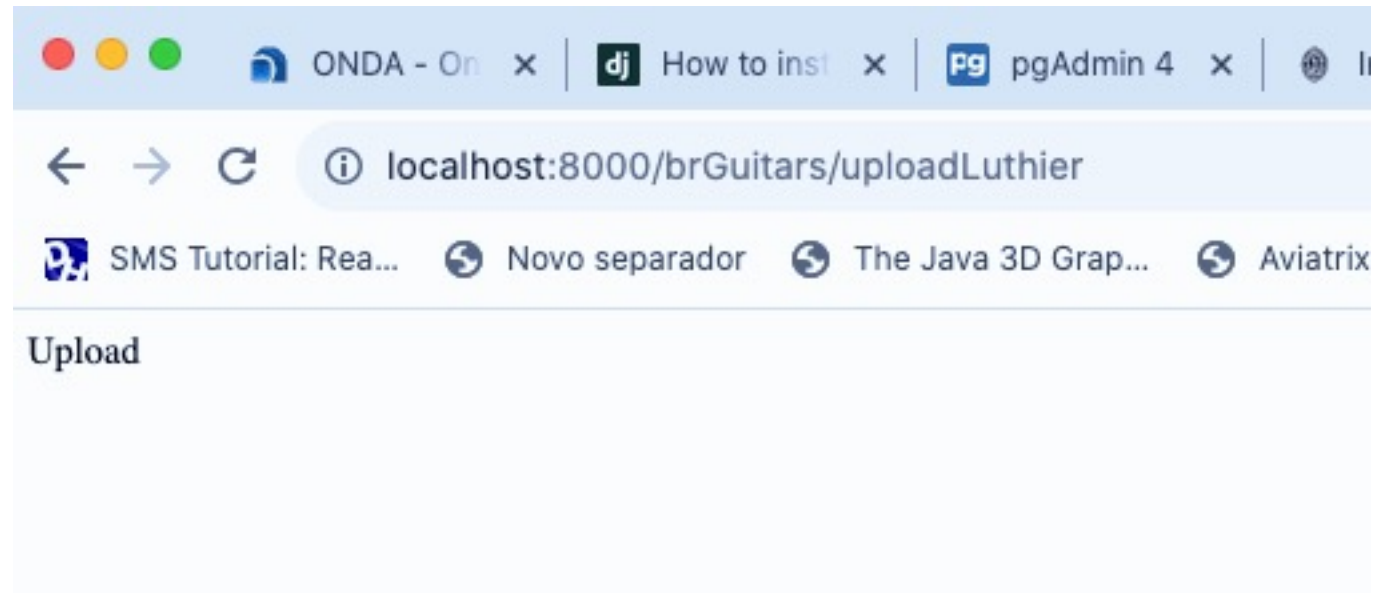
```
def luthiers(request):  
    template = loader.get_template('brGuitars/luthiers.html')  
    items = Luthier.objects.order_by('name')[0:]  
    context = {  
        'luthiers': items  
    }  
    return HttpResponse(template.render(context, request))  
  
def uploadLuthier(request):  
    ...return render(request, 'brGuitars/uploadLuthier.html')
```

Create new template uploadLuthier.py

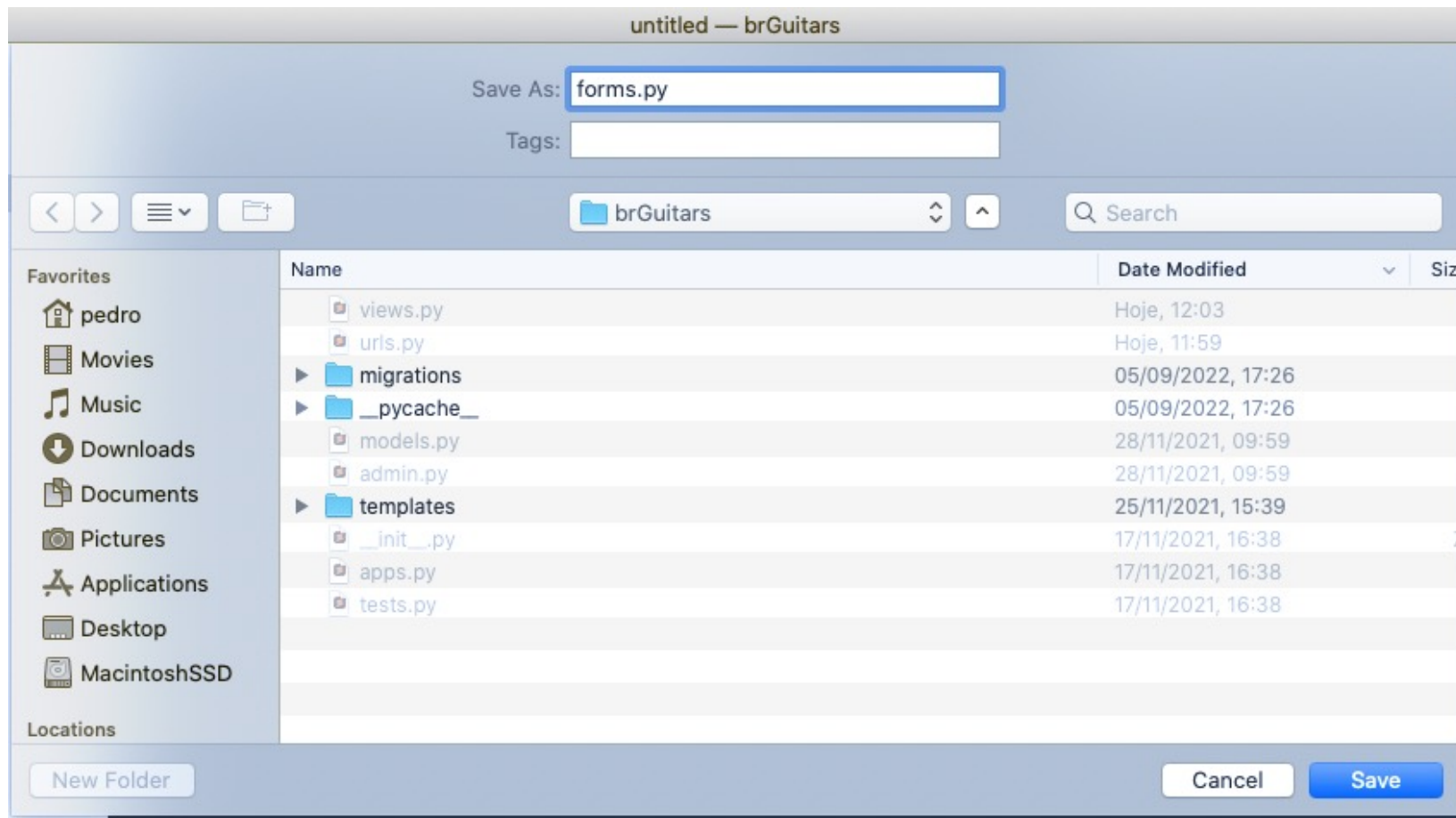
<p>Upload</p>



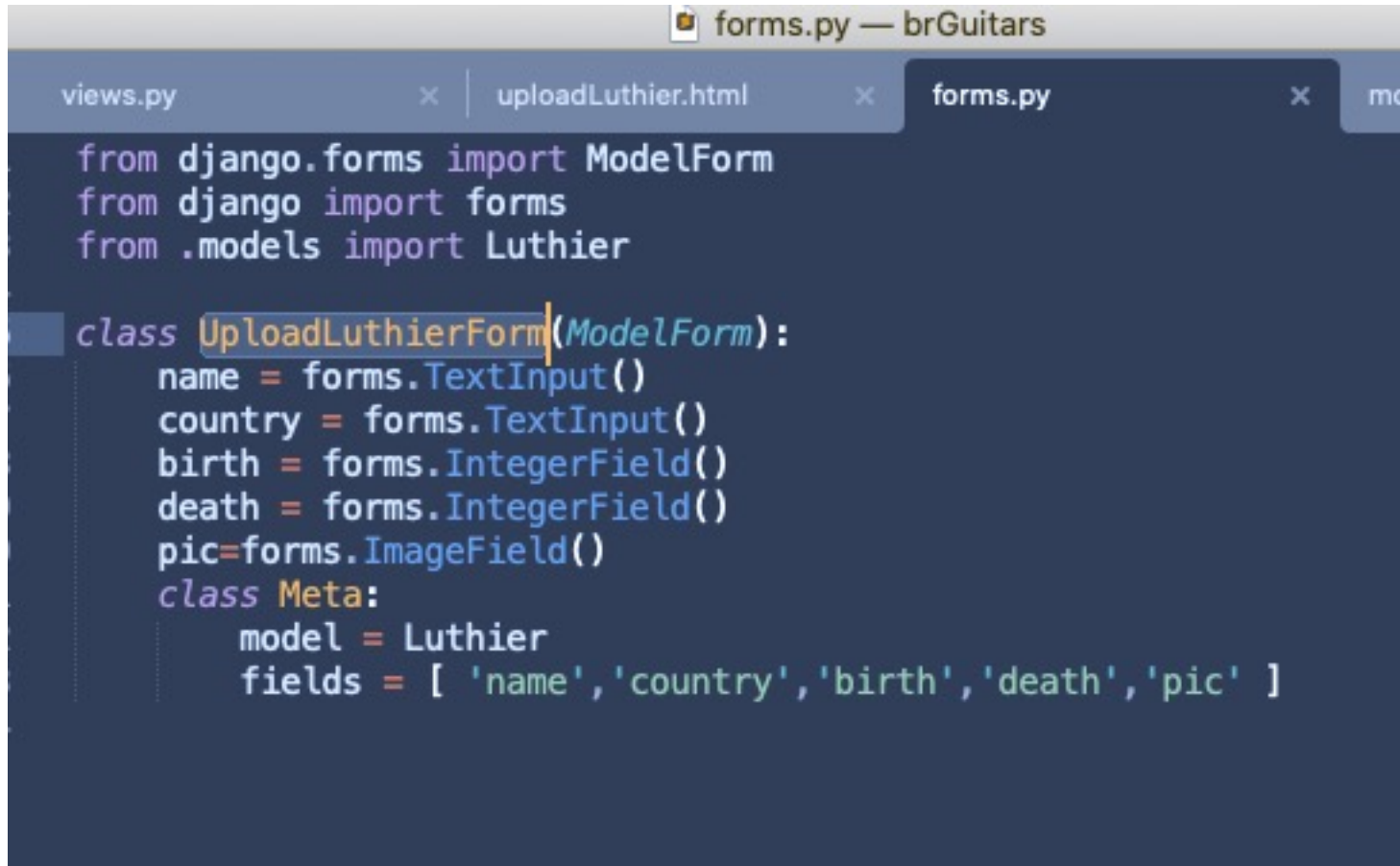
http://localhost:8000/brGuitars/uploadLuthier.html



Add file forms.py in correct directory



forms.py ...



```
forms.py — brGuitars

views.py × | uploadLuthier.html × | forms.py × | mo

from django.forms import ModelForm
from django import forms
from .models import Luthier

class UploadLuthierForm(ModelForm):
    name = forms.TextInput()
    country = forms.TextInput()
    birth = forms.IntegerField()
    death = forms.IntegerField()
    pic=forms.ImageField()
    class Meta:
        model = Luthier
        fields = [ 'name','country','birth','death','pic' ]
```

Actually I used an URLfield for the image:

A screenshot of a code editor window titled 'forms.py — brGuitars'. The editor shows Python code for a Django form. The code imports 'ModelForm' from 'django.forms', 'forms' from 'django', and 'Luthier' from '.models'. It then defines a class 'UploadLuthierForm' that inherits from 'ModelForm'. Inside this class, there are four field assignments: 'name' as 'forms.TextInput()', 'country' as 'forms.TextInput()', 'birth' as 'forms.IntegerField()', and 'death' as 'forms.IntegerField()'. The line 'pic=forms.URLField()' is highlighted with a blue selection bar. Below these fields, there is a 'class Meta:' block containing 'model = Luthier' and 'fields = ['name', 'country', 'birth', 'death', 'pic']'. The editor's tab bar at the top shows 'views.py', 'uploadLuthier.html', and 'forms.py' (which is the active tab). The background of the code editor is dark blue with light blue and yellow syntax highlighting.

```
from django.forms import ModelForm
from django import forms
from .models import Luthier

class UploadLuthierForm(ModelForm):
    name = forms.TextInput()
    country = forms.TextInput()
    birth = forms.IntegerField()
    death = forms.IntegerField()
    pic=forms.URLField()
    class Meta:
        model = Luthier
        fields = [ 'name', 'country', 'birth', 'death', 'pic' ]
```

In views.py ...

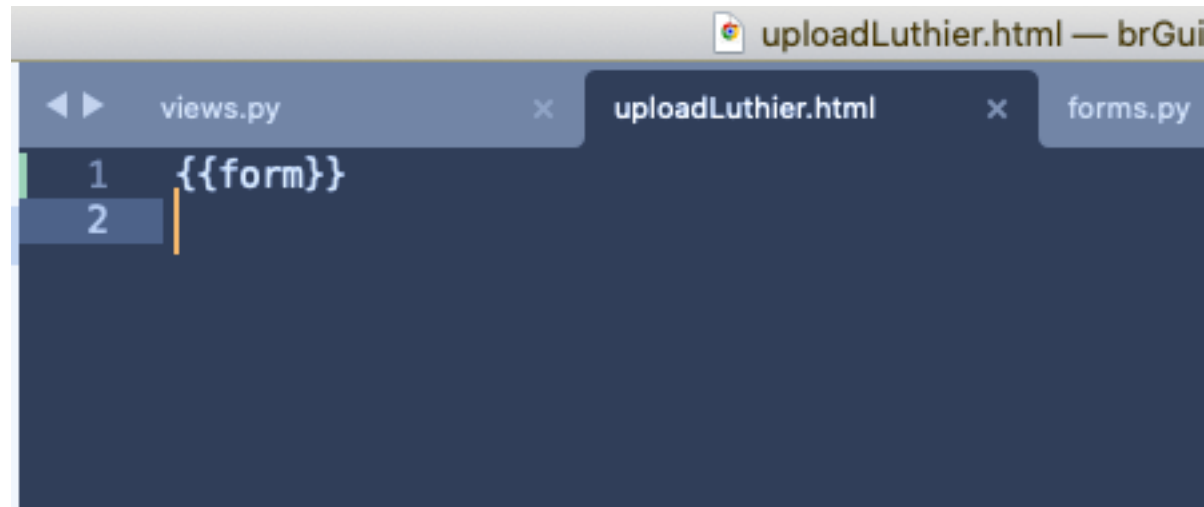
```
from .forms import UploadLuthierForm
```

```
def uploadLuthier(request):  
    form = UploadLuthierForm(request.POST, request.FILES)  
    print(request.FILES)  
    return render(request, 'brGuitars/uploadLuthier.html', {'form':form})
```

```
def uploadLuthier(request):  
    form = UploadLuthierForm(request.POST, request.FILES)  
    print(request.FILES)  
    return render(request, 'brGuitars/uploadLuthier.html', {'form':form})
```

uploadLuthier.html

{{form}}



```
1 {{form}}
2
```

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localhost:8000/brGuitars/uploadLuthier

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Name:

- This field is required.

Country: Birth:

- This field is required.

Death:

- This field is required.

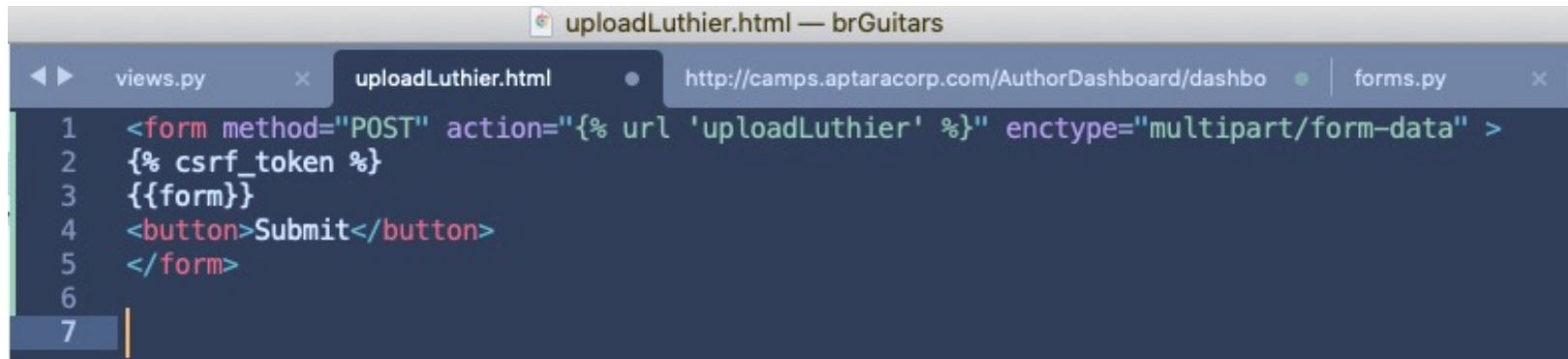
Pic:

- This field is required.

Nenhum ficheiro selecionado

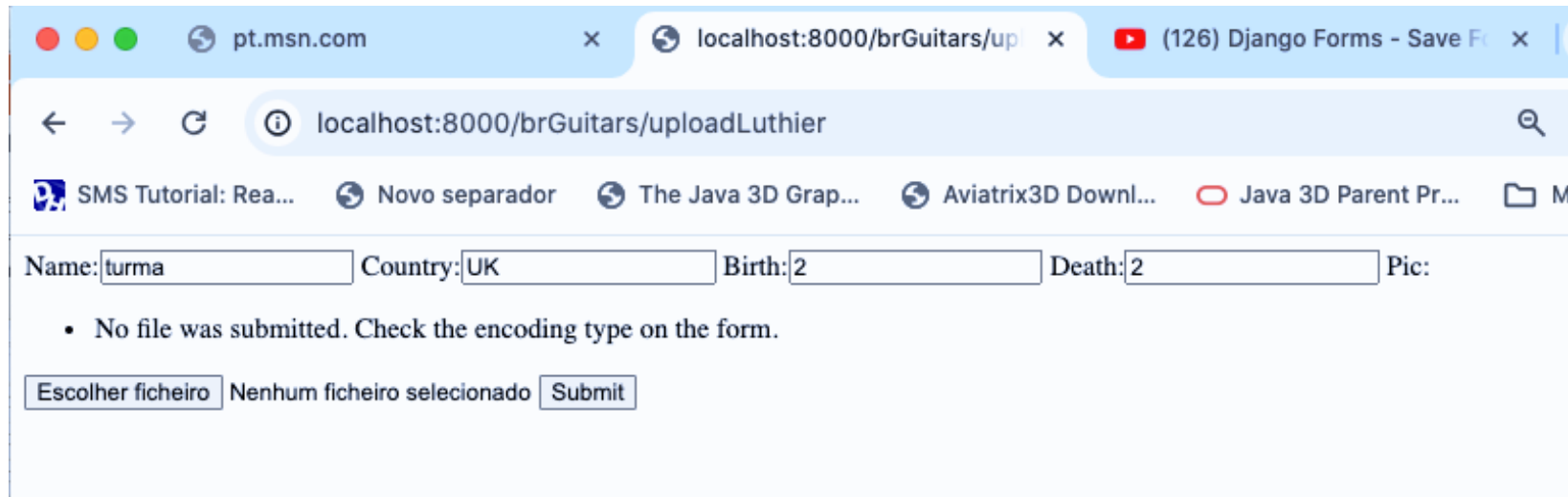
Form modification

```
<form method="POST" action="{% url 'uploadLuthier' %}" enctype="multipart/form-data" >
{% csrf_token %}
{{form}}
<button>Submit</button>
</form>
```

A screenshot of a web browser window with the title "uploadLuthier.html — brGuitars". The browser's address bar shows the URL "http://camps.aptaracorp.com/AuthorDashboard/dashbo". The browser has several tabs open: "views.py", "uploadLuthier.html", "http://camps.aptaracorp.com/AuthorDashboard/dashbo", and "forms.py". The "uploadLuthier.html" tab is active, and the content of the page is displayed in a dark-themed code editor. The code is a Django template snippet for a form, showing the opening and closing tags for a form, a CSRF token, the form object, and a submit button. The code is as follows:

```
1 <form method="POST" action="{% url 'uploadLuthier' %}" enctype="multipart/form-data" >
2 {% csrf_token %}
3 {{form}}
4 <button>Submit</button>
5 </form>
6
7
```

Uploaded success!!!



```
<MultiValueDict: {}>
[13/Nov/2023 12:50:14] "GET /brGuitars/uploadLuthier HTTP/1.1"
200 1110
<MultiValueDict: {'pic': [<InMemoryUploadedFile:
prescrição_201023.jpg (image/jpeg)>]}>
[13/Nov/2023 12:50:27] "POST /brGuitars/uploadLuthier HTTP/1.1"
200 1014
```

Save to database in views.py:

```
def uploadLuthier(request):  
    if request.POST:  
        form = UploadLuthierForm(request.POST, request.FILES)  
        print(request.FILES)  
        if form.is_valid():  
            print("saving")  
            form.save()  
        return redirect(luthiers)  
    return render(request, 'brGuitars/uploadLuthier.html', {'form': UploadLuthierForm})
```

```
def uploadLuthier(request):  
    if request.POST:  
        form = UploadLuthierForm(request.POST, request.FILES)  
        print(request.FILES)  
        if form.is_valid():  
            print("saving")  
            form.save()  
        return redirect(luthiers)  
    return render(request, 'brGuitars/uploadLuthier.html', {'form': UploadLuthierForm})
```


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localhost:8000/brGuitars/uploadLuthier

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Name: Country: Birth: Death: Pic:


pt.msn.com localhost:8000/brGuitars/lut (126) Django Forms - Si

localhost:8000/brGuitars/luthiers/4/

SMS Tutorial: Rea... Novo separador The Java 3D Grap... Aviatrix3D Downl... Java 3D Parent F

LUTHIER

Pedro details



Country: Portugal

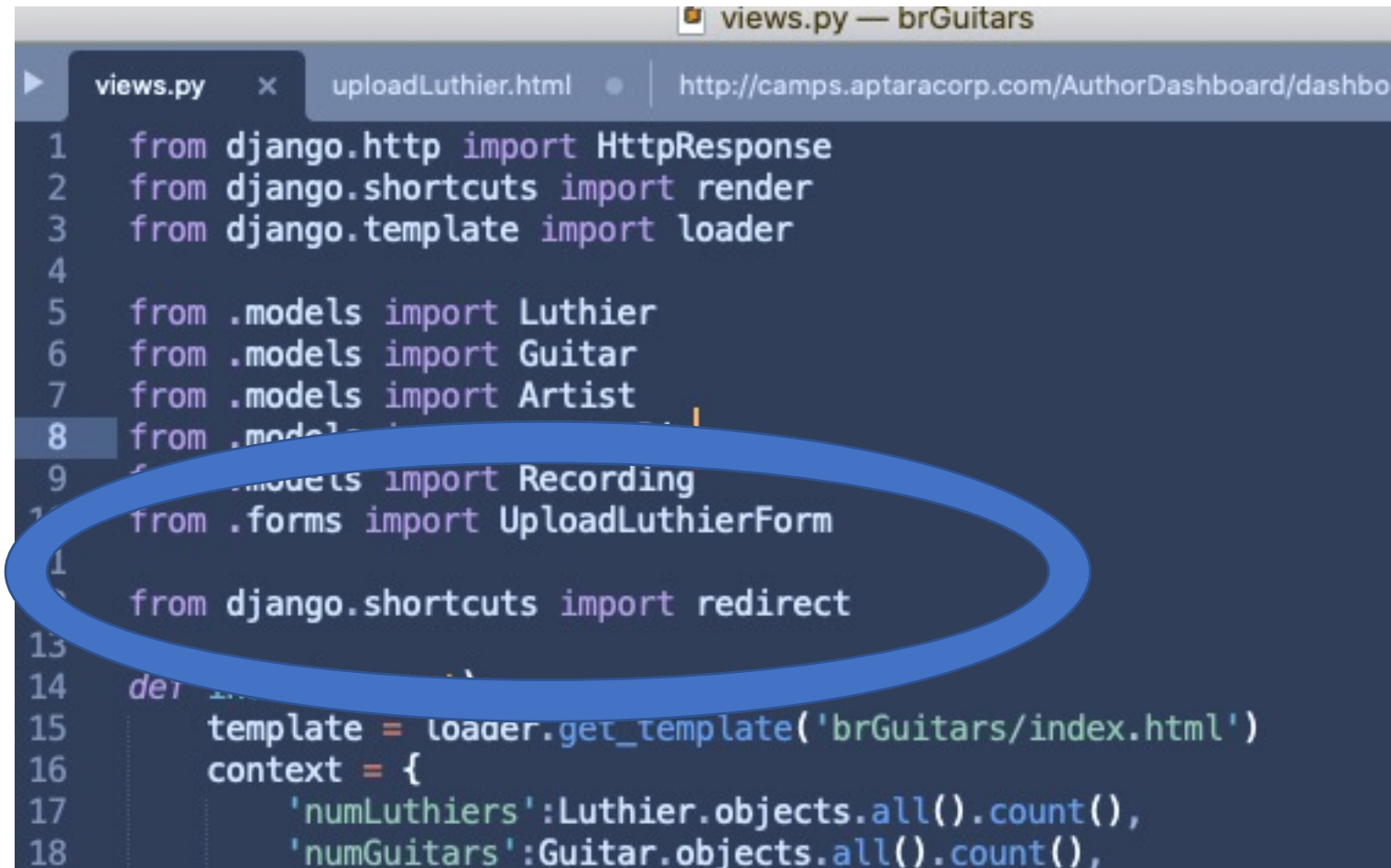
Birth: 1986

Death: 2010

Guitars:

No guitar to show.

Imports for views.py



```
views.py — brGuitars
views.py x uploadLuthier.html http://camps.aptaracorp.com/AuthorDashboard/dashbo
1 from django.http import HttpResponseRedirect
2 from django.shortcuts import render
3 from django.template import loader
4
5 from .models import Luthier
6 from .models import Guitar
7 from .models import Artist
8 from .models import Recording
9 from .forms import UploadLuthierForm
10
11 from django.shortcuts import redirect
12
13
14 def index(request):
15     template = loader.get_template('brGuitars/index.html')
16     context = {
17         'numLuthiers': Luthier.objects.all().count(),
18         'numGuitars': Guitar.objects.all().count(),
```

Summary:

```
#Luthiers
path('luthiers', views.luthiers, name='luthiers'),
path('luthiers/<int:luthier_id>/', views.luthierDetails, name='luthierDetails'),
path('uploadLuthier', views.uploadLuthier, name='uploadLuthier'),
#artists
```

```
def uploadLuthier(request):
    if request.POST:
        form = UploadLuthierForm(request.POST, request.FILES)
        print(request.FILES)
        if form.is_valid():
            print("saving")
            form.save()
        else:
            print("form invalid")
            return redirect(luthiers)
    return render(request, 'brGuitars/uploadLuthier.html', {'form': UploadLuthierForm})
```

```
1 from django.forms import.ModelForm
2 from django import forms
3 from .models import Luthier
4
5 class UploadLuthierForm(ModelForm):
6     name = forms.TextInput()
7     country = forms.TextInput()
8     birth = forms.IntegerField()
9     death = forms.IntegerField()
10    pic=forms.URLField()
11    class Meta:
12        model = Luthier
13        fields = [ 'name', 'country', 'birth', 'death', 'pic' ]
14
```

uploadLuthier.html — brGuitars

views.py × uploadLuthier.html ● http://camps.aptaracorp.com/AuthorDashboard/dashbo ● forms.py × urls.py >

```
1 <form method="POST" action="{% url 'uploadLuthier' %}" enctype="multipart/form-data" >
2     {% csrf_token %}
3     {{form}}
4     <button>Submit</button>
5 </form>
6
7
```