Apps.views.py

**from** django.shortcuts **import** render  
**from** django.template **import** Template, Context, loader  
**from** django.http **import** HttpResponse, HttpResponseRedirect  
**from** django.contrib **import** messages  
**from** django.urls **import** reverse  
**import** logging  
**import** pymysql **as** sql  
  
**def** upload\_csv(request):  
 data = {}  
 **if "GET"** == request.method:  
 **return** render(request, **"upload\_testing.html"**, data)  
 **try**:  
 csv\_file = request.FILES[**"csv\_file"**]  
 **if not** csv\_file.name.endswith(**'.csv'**):  
 messages.error(request, **'File is not CSV type'**)  
 **return** HttpResponseRedirect(reverse(**"bulkops:upload\_csv"**))  
 **if** csv\_file.multiple\_chunks():  
 messages.error(request, **"Uploaded file is too big (%.2f MB)."** % (csv\_file.size / (1000 \* 1000),))  
 **return** HttpResponseRedirect(reverse(**"bulkops:upload\_csv"**))  
  
 file\_data = csv\_file.read().decode(**"utf-8"**)  
 print(file\_data)  
 print(type(file\_data))  
 new\_file\_data=[]  
 lines = file\_data.split(**"\n"**)  
 **for** i **in** lines:  
 print(**"each row"**)  
 print(i)  
 list1=list(i.split(**','**))  
 print(list1)  
 new\_file\_data.append(list1)  
 print(**"list1:"**)  
 print(new\_file\_data)  
  
  
 print(**"Uploaded successfully"**)  
 conn = sql.connect(host=**'localhost'**, port=3306, user=**'root'**, password=**'Dirtydula1$'**, db=**'loan\_proj'**)  
 cursor = conn.cursor()  
 sql\_script = **"INSERT INTO loan\_table\_lookup( loan\_mdm\_lookup\_id, CreditScoreMin, CreditScoreMax, LoanAmountMin, LoanAmountMax, InterestRatePct, DurationMonths, eff\_from\_date, eff\_to\_date) VALUES"  
 for** row **in** new\_file\_data:  
 print(row)  
 row\_str = row[0] + **","** + row[1] + **","** + row[2] + **","** + row[3] + **","** + row[4] + **","** + row[5] + **","** + row[6] + **","** + **"str\_to\_date('"**+row[7]+**"','%m/%d/%Y')"** + **","** + **"str\_to\_date('"**+row[8]+**"','%m/%d/%Y')"** print(sql\_script + **"("** + row\_str + **");"**)  
 cursor.execute(sql\_script + **"("** + row\_str + **");"**)  
 dict = {**'completed'**: **"The data has successfully been uploaded to MySQL database."**}  
 conn.commit()  
 cursor.close()  
 conn.close()  
 **return** render(request, **'upload\_testing.html'**, context=dict)  
 **except** Exception **as** e:  
 logging.getLogger(**"error\_logger"**).error(**"Unable to upload file. "** + repr(e))  
 messages.error(request, **"Unable to upload file. "** + repr(e))  
  
 **return** HttpResponseRedirect(reverse(**"bulkops:upload\_csv"**))

apps.urls.py

**from** django.contrib **import** admin  
**from** django.urls **import** path  
**from** . **import** views  
  
urlpatterns = [  
  
 path(**'first/upload/'**, views.upload\_csv,name=**'upload\_csv'**),  
]

upload\_testing.html

<**form action="{% url 'bulkops:upload\_csv' %}" method="POST" enctype="multipart/form-data" class="form-horizontal"**>  
{% csrf\_token %}  
<**div class="form-group"**>  
 <**label for="name" class="col-md-3 col-sm-3 col-xs-12 control-label"**>File: </**label**>  
 <**div class="col-md-8"**>  
 <**input type="file" name="csv\_file" id="csv\_file" required="True" class="form-control"**>  
 </**div**>  
</**div**>  
<**div class="form-group"**>  
 <**div class="col-md-3 col-sm-3 col-xs-12 col-md-offset-3" style="**margin-bottom:10px;**"**>  
 <**button class="btn btn-primary"**> <**span class="glyphicon glyphicon-upload" style="**margin-right:5px;**"**></**span**>Upload </**button**>  
 <**a class="btn btn-primary" href="{{ home\_url }}/first/"**>Go Back</**a**>  
 </**div**>  
 {{completed}}  
</**div**>  
</**form**>