Parsing a document using python Django and to store the values in the database using Xampp server with file validation:

**FIRSTAPP/URLS.PY**

**from** django.urls **import** path  
**from** . **import** views  
urlpatterns = [  
 path(**''**,views.home),  
  
]

**VIEWS.PY**

**from** docx **import**\*  
**from** .forms **import** ResumeForm  
**from** .models **import** Resumedetails  
**from** django.http **import** HttpResponse  
*# Create your views here.*list1=[]  
**def** home(request):  
 **if** request.method == **'POST'**:  
 file = request.FILES[**'document'**]  
 document=Document(file)  
 list2=[]  
 **for** each **in** document.paragraphs:  
 first=**""** list2=(each.text).split()  
 count=0  
 **for** i **in** list2:  
 **if** i ==**":"**:  
 count=1  
 **if** (count>1):  
 first += i +**" "** count+=1  
 list1.append(first)  
 dict ={**'Firstname'**:list1[0],**'Lastname'**:list1[1],**'Education'**:list1[2],**'Skillset'**:list1[3],**'Hobbies'**:list1[4],**'Emailid'**:list1[5],**'WorkExperience'**:list1[6],**'ContactNumber'**:list1[7],**'Address'**:list1[8],**'Pincode'**:list1[9],**'City'**:list1[10],**'State'**:list1[11],**'Country'**:list1[12]}  
 print(list1)  
 form= ResumeForm(dict)  
 print(form)  
 **if** form.is\_valid():  
 form.save()  
 **return** redirect(**'/home'**)  
 **return** render(request,**'home.html'**)

**FORMS.PY**

**from** django **import** forms  
**from** .models **import** Resumedetails  
**class** ResumeForm(forms.ModelForm):  
 **class** Meta:  
 model= Resumedetails  
 fields=**"\_\_all\_\_"**

**MODELS.PY**

**class** Resumedetails(models.Model):  
 Firstname = models.CharField(max\_length=100)  
 Lastname = models.CharField(max\_length=100)  
 Education = models.CharField(max\_length=100)  
 Skillsset = models.CharField(max\_length=100)  
 Hobbies = models.CharField(max\_length=100)  
 Emailid = models.EmailField(max\_length=100)  
 WorkExperience = models.CharField(max\_length=100)  
 ContactNumber = models.IntegerField  
 Address = models.CharField(max\_length=100)  
 Pincode = models.IntegerField  
 City = models.CharField(max\_length=100)  
 State = models.CharField(max\_length=100)  
 Country = models.CharField(max\_length=100)  
  
**class** Meta:  
 db\_table=**'resumehtmltable'**

**HOME.HTML**

!DOCTYPE **html**>  
<**html lang="en"**>  
<**head**>  
 <**meta charset="UTF-8"**>  
 <**title**>Homepage for uploading resume</**title**>  
</**head**>  
<**body**>  
  
<**body bgcolor="orange"**></**bgcolor**>  
<**h1**><**center**><**b**><**font face="Lato" size=15**>WELCOME!!!</**b**></**center**></**h1**>  
<**h2**><**center**><**font face="Lato" size=13**>Upload Your Resume Here</**center**></**h2**>  
<**p**><**center**><**font face="Lato" size=13**>click on the "Choose File" button to upload a resume:</**center**></**p**>  
<**center**><**form method="POST" enctype="multipart/form-data"**>  
 {%csrf\_token%}  
 <**input type="file" id="myfile" name="document"**>  
 <**input type="submit"**></**form**></**center**>  
</**body**>  
</**body**>  
</**html**>  
<**script**>  
 var file = document.getElementById('myfile');  
 file.onchange = function(e) {  
 var ext = this.value.match(/\.([^\.]+)$/)[1];  
 switch (ext) {  
 case 'docx':  
 alert('File upload successfully');  
 break;  
 default:  
 alert('please choose only the file with extension .docx INVALID FILE TYPE');  
 this.value = '';  
 }  
};  
</**script**>

**SETTINGS.PY:**

INSTALLED\_APPS = [  
 **'firstapp.apps.FirstappConfig'**,  
]

TEMPLATES = [  
 {

**'DIRS'**: [os.path.join(BASE\_DIR,**'templates'**)],

}

]

DATABASES = {  
 **'default'**: {  
 **'ENGINE'**: **'django.db.backends.mysql'**,  
 **'NAME'**: **'shivani'**,  
 **'HOST'**:**'localhost'**,  
 **'USER'**:**'root'**,  
 **'PASSWORD'**:**''**,  
 **'PORT'**:**'3306'**,  
 **'OPTIONS'**:{  
 **'sql\_mode'**: **'traditional'**,  
 }  
  
 }

**APPS.PY**

**from** django.apps **import** AppConfig  
  
  
**class** FirstappConfig(AppConfig):  
 name = **'firstapp'**

**ONLINECOURSE.URLS/PY**

**from** django.contrib **import** admin  
**from** django.urls **import** path,include  
  
urlpatterns = [  
 path(**'admin/'**,admin.site.urls),  
 path(**''**,include(**'firstapp.urls'**)),  
]