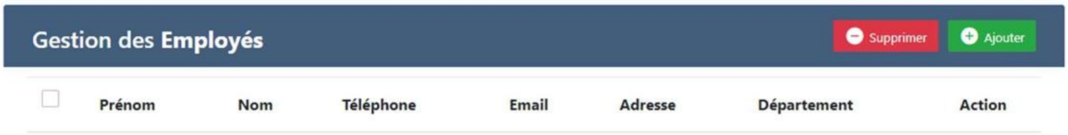
Ibrahima Diouma Diallo Génie Informatique

Examen Django

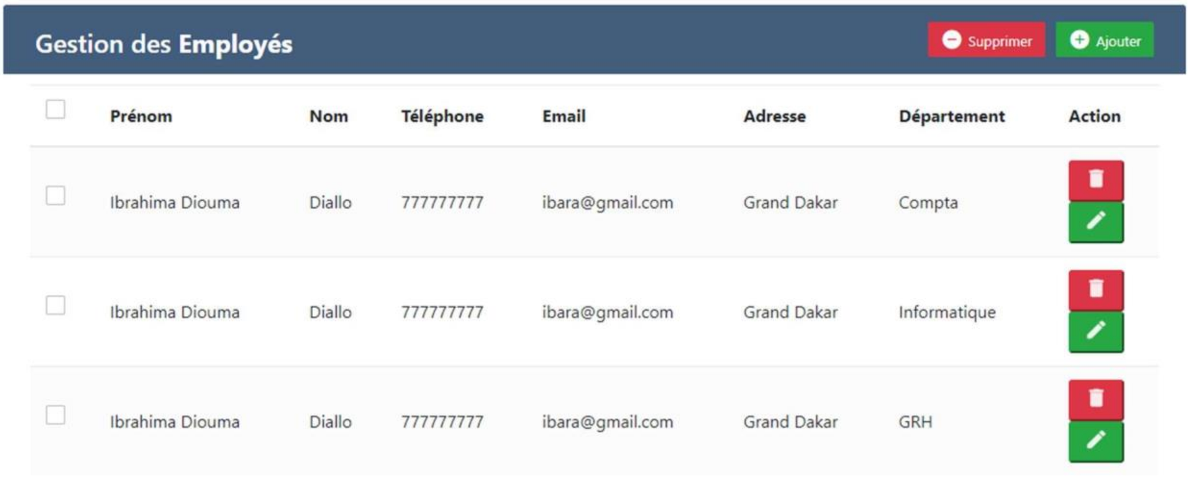
Voici l’enchaînement de quelques captures d’écran de notre plateforme Django suivi d’explication.

□ Cette image correspond à la première page (sans ajout des employés)



Gestion des Employés

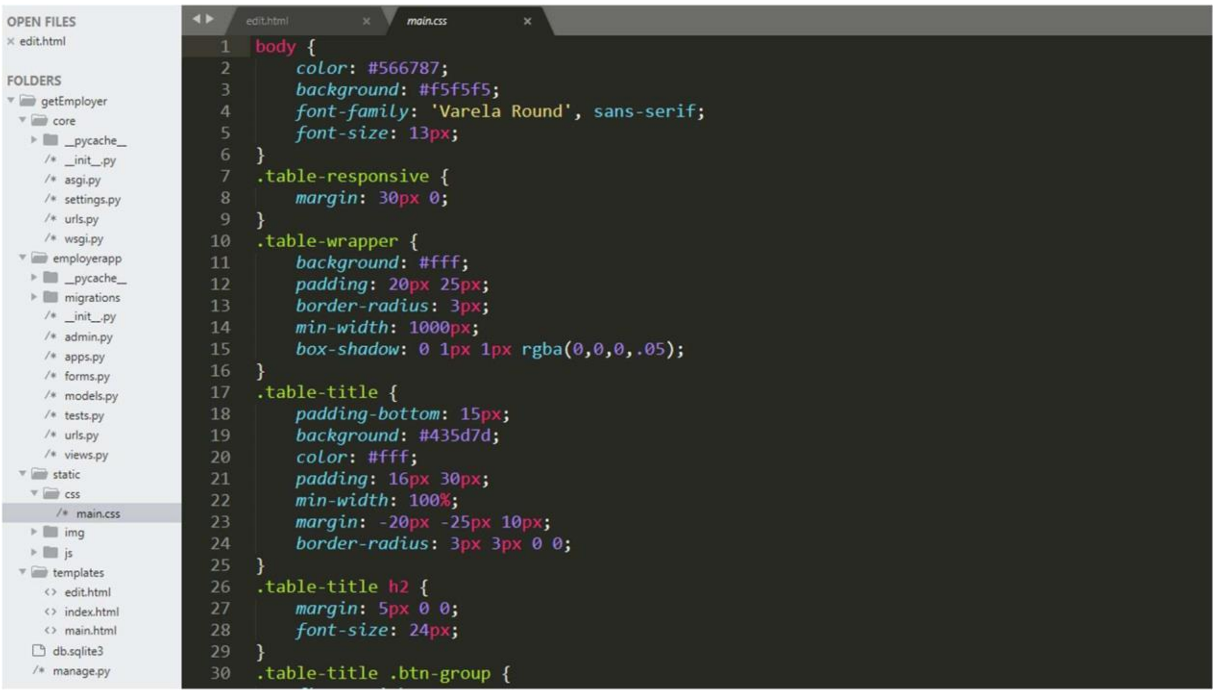
□	Prénom	Nom	Téléphone	Email	Adresse	Département	Action



Gestion des Employés

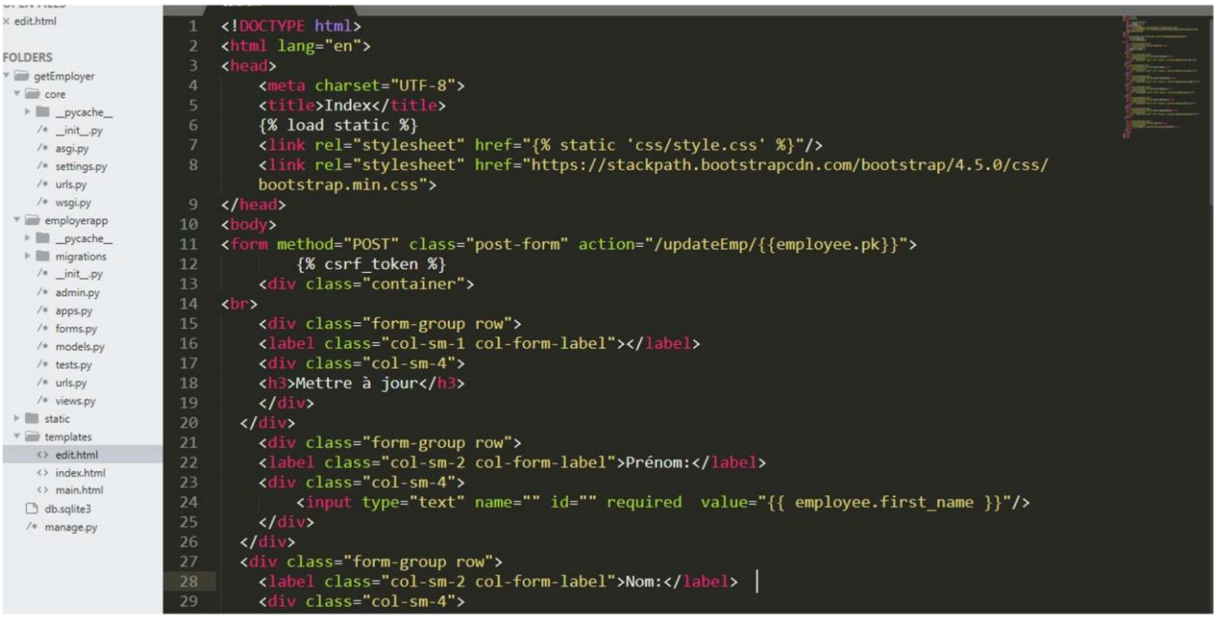
□	Prénom	Nom	Téléphone	Email	Adresse	Département	Action
□	Ibrahima Diouma	Diallo	777777777	ibara@gmail.com	Grand Dakar	Compta	🟥 🟩
□	Ibrahima Diouma	Diallo	777777777	ibara@gmail.com	Grand Dakar	Informatique	🟥 🟩
□	Ibrahima Diouma	Diallo	777777777	ibara@gmail.com	Grand Dakar	GRH	🟥 🟩

□ ajouts des employés avec leurs différents informations (……)

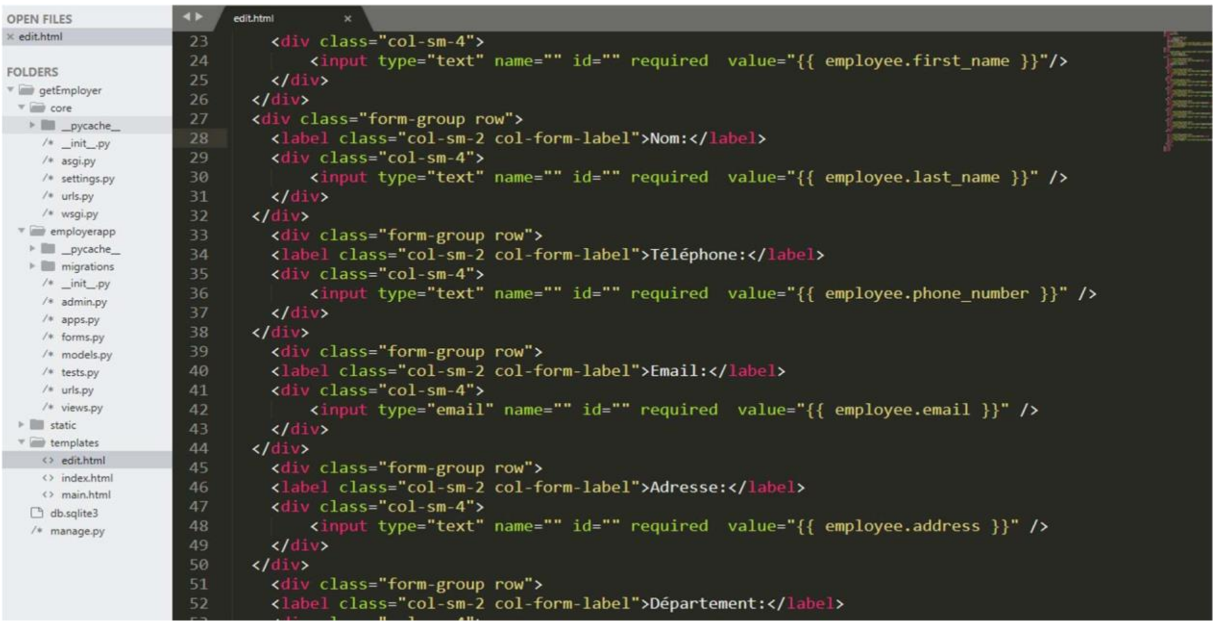


```css
body {
    color: #566787;
    background: #f5f5f5;
    font-family: 'Varela Round', sans-serif;
    font-size: 13px;
}
.table-responsive {
    margin: 30px 0;
}
.table-wrapper {
    background: #fff;
    padding: 20px 25px;
    border-radius: 3px;
    min-width: 1000px;
    box-shadow: 0 1px 1px rgba(0,0,0,.05);
}
.table-title {
    padding-bottom: 15px;
    background: #435d7d;
    color: #fff;
    padding: 16px 30px;
    min-width: 100%;
    margin: -20px -25px 10px;
    border-radius: 3px 3px 0 0;
}
.table-title h2 {
    margin: 5px 0 0;
    font-size: 24px;
}
.table-title .btn-group {
```

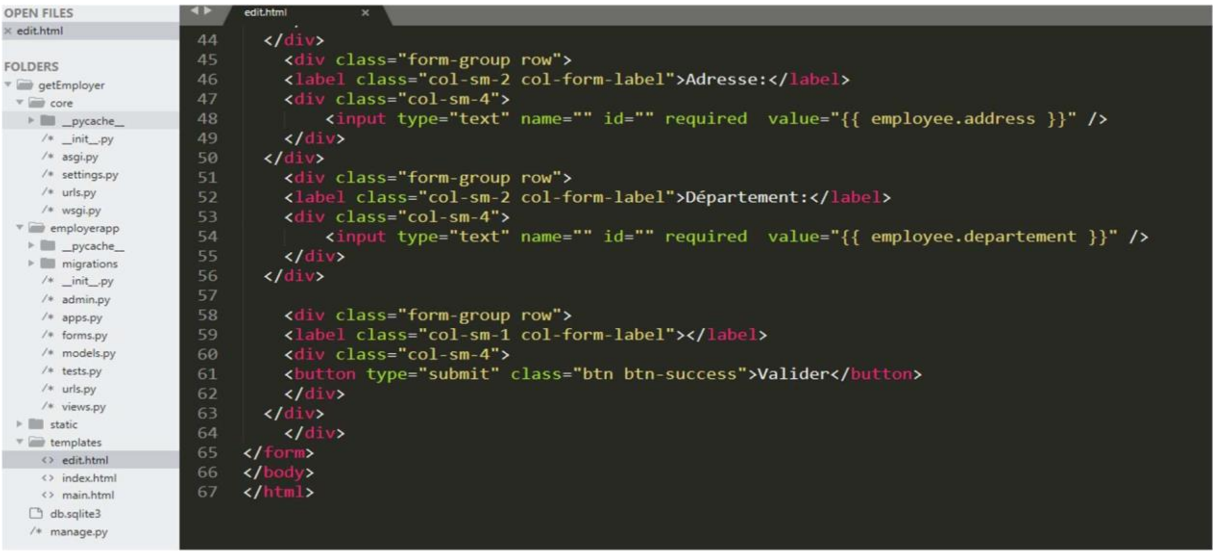
□ notre code css



```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Index</title>
    {% load static %}
    <link rel="stylesheet" href="{% static 'css/style.css' %}"/>
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/
    bootstrap.min.css">
</head>
<body>
<form method="POST" class="post-form" action="/updateEmp/{{employee.pk}}">
        {% csrf_token %}
    <div class="container">
<br>
    <div class="form-group row">
    <label class="col-sm-1 col-form-label"></label>
    <div class="col-sm-4">
    <h3>Mettre à jour</h3>
    </div>
  </div>
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Prénom:</label>
    <div class="col-sm-4">
        <input type="text" name="" id="" required  value="{{ employee.first_name }}"/>
    </div>
  </div>
  <div class="form-group row">
    <label class="col-sm-2 col-form-label">Nom:</label>
    <div class="col-sm-4">
```

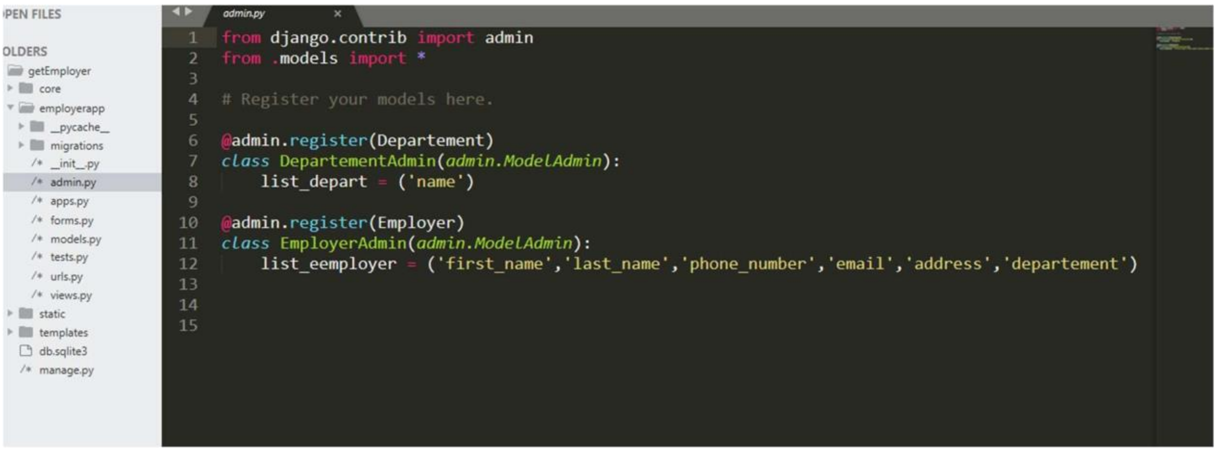


```
      <div class="col-sm-4">
          <input type="text" name="" id="" required  value="{{ employee.first_name }}"/>
      </div>
    </div>
    <div class="form-group row">
      <label class="col-sm-2 col-form-label">Nom:</label>
      <div class="col-sm-4">
          <input type="text" name="" id="" required  value="{{ employee.last_name }}" />
      </div>
    </div>
      <div class="form-group row">
      <label class="col-sm-2 col-form-label">Téléphone:</label>
      <div class="col-sm-4">
          <input type="text" name="" id="" required  value="{{ employee.phone_number }}" />
      </div>
    </div>
      <div class="form-group row">
      <label class="col-sm-2 col-form-label">Email:</label>
      <div class="col-sm-4">
          <input type="email" name="" id="" required  value="{{ employee.email }}" />
      </div>
    </div>
      <div class="form-group row">
      <label class="col-sm-2 col-form-label">Adresse:</label>
      <div class="col-sm-4">
          <input type="text" name="" id="" required  value="{{ employee.address }}" />
      </div>
    </div>
      <div class="form-group row">
      <label class="col-sm-2 col-form-label">Département:</label>
```



```
  </div>
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Adresse:</label>
    <div class="col-sm-4">
        <input type="text" name="" id="" required  value="{{ employee.address }}" />
    </div>
  </div>
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Département:</label>
    <div class="col-sm-4">
        <input type="text" name="" id="" required  value="{{ employee.departement }}" />
    </div>
  </div>

    <div class="form-group row">
    <label class="col-sm-1 col-form-label"></label>
    <div class="col-sm-4">
    <button type="submit" class="btn btn-success">Valider</button>
    </div>
  </div>
    </div>
</form>
</body>
</html>
```

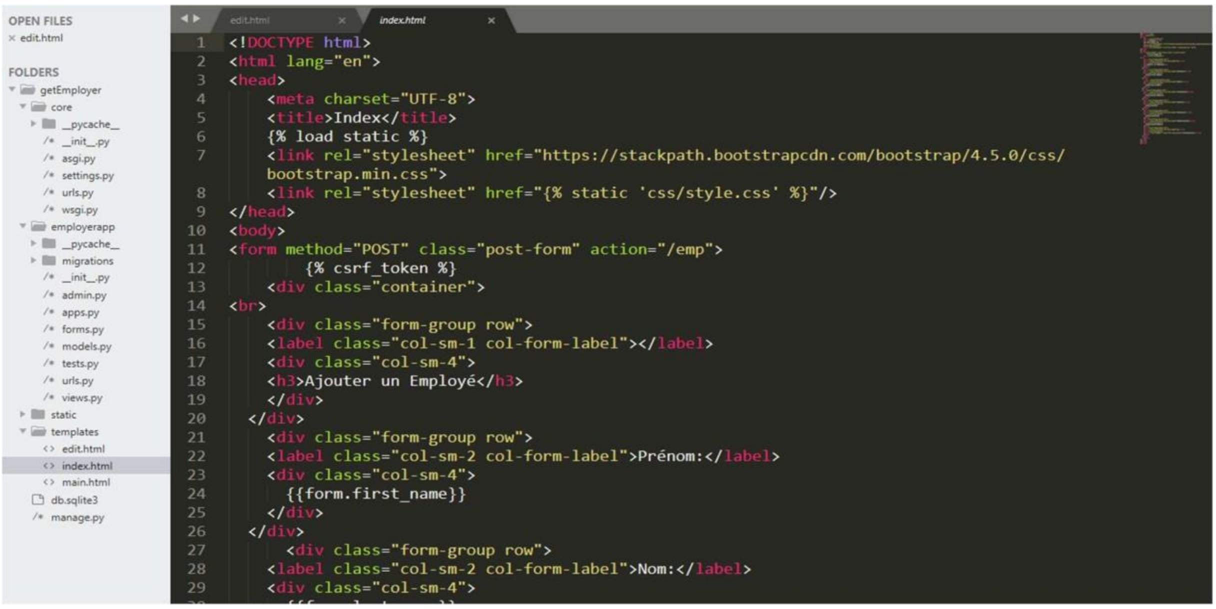
□ les 3 images qui se suivent il s’agit du fichier fichier permettant de modifier le les infos de l’employé



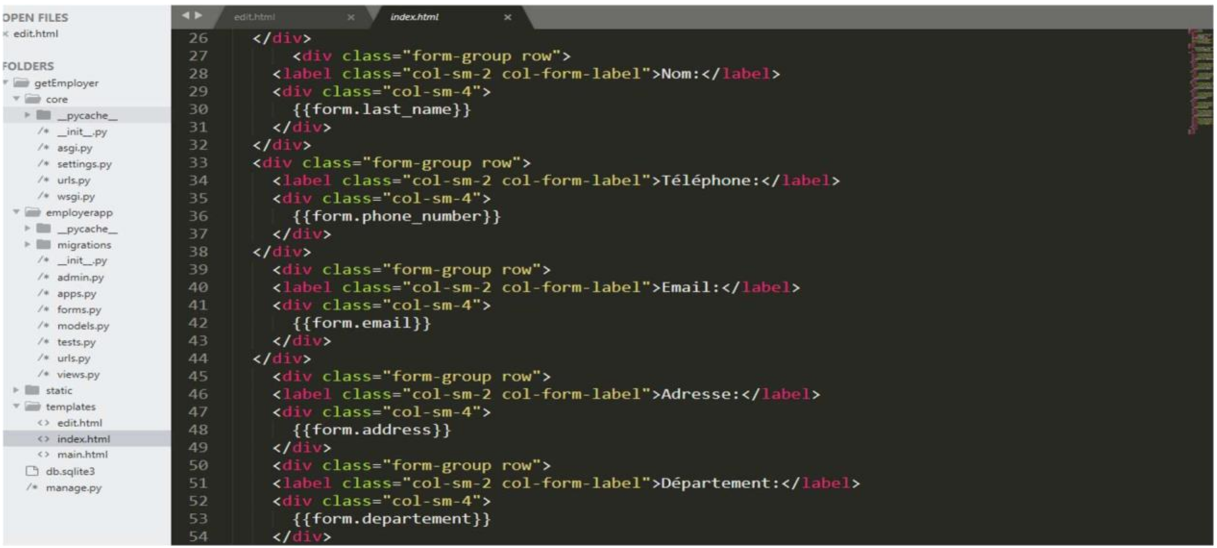
```python
from django.contrib import admin
from .models import *

# Register your models here.

@admin.register(Departement)
class DepartementAdmin(admin.ModelAdmin):
    list_depart = ('name')

@admin.register(Employer)
class EmployerAdmin(admin.ModelAdmin):
    list_eemployer = ('first_name','last_name','phone_number','email','address','departement')
```

Le fichier admin enregistre les objets de modélisation

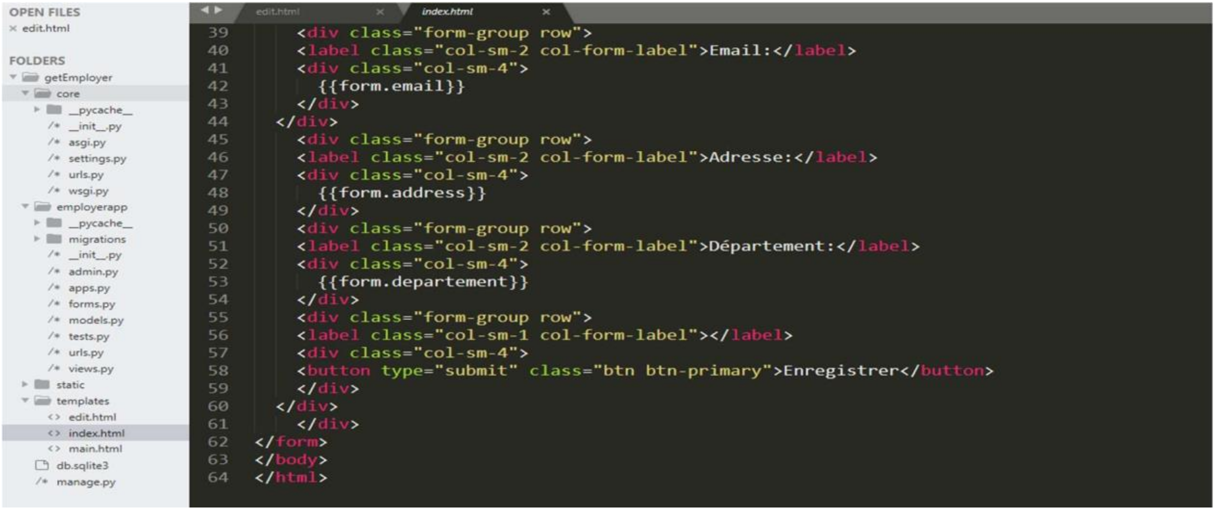
□



```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Index</title>
    {% load static %}
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/
    bootstrap.min.css">
    <link rel="stylesheet" href="{% static 'css/style.css' %}"/>
</head>
<body>
<form method="POST" class="post-form" action="/emp">
        {% csrf_token %}
    <div class="container">
<br>
    <div class="form-group row">
    <label class="col-sm-1 col-form-label"></label>
    <div class="col-sm-4">
    <h3>Ajouter un Employé</h3>
    </div>
  </div>
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Prénom:</label>
    <div class="col-sm-4">
      {{form.first_name}}
    </div>
  </div>
      <div class="form-group row">
    <label class="col-sm-2 col-form-label">Nom:</label>
    <div class="col-sm-4">
```



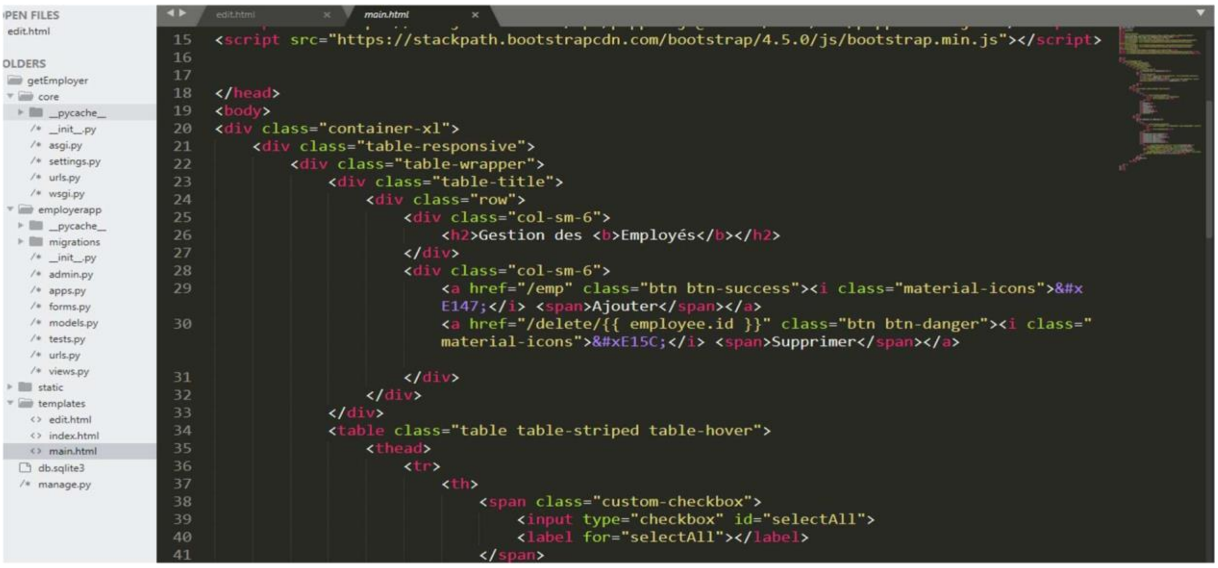
```
  </div>
      <div class="form-group row">
    <label class="col-sm-2 col-form-label">Nom:</label>
    <div class="col-sm-4">
      {{form.last_name}}
    </div>
  </div>
  <div class="form-group row">
    <label class="col-sm-2 col-form-label">Téléphone:</label>
    <div class="col-sm-4">
      {{form.phone_number}}
    </div>
  </div>
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Email:</label>
    <div class="col-sm-4">
      {{form.email}}
    </div>
  </div>
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Adresse:</label>
    <div class="col-sm-4">
      {{form.address}}
    </div>
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Département:</label>
    <div class="col-sm-4">
      {{form.departement}}
    </div>
```



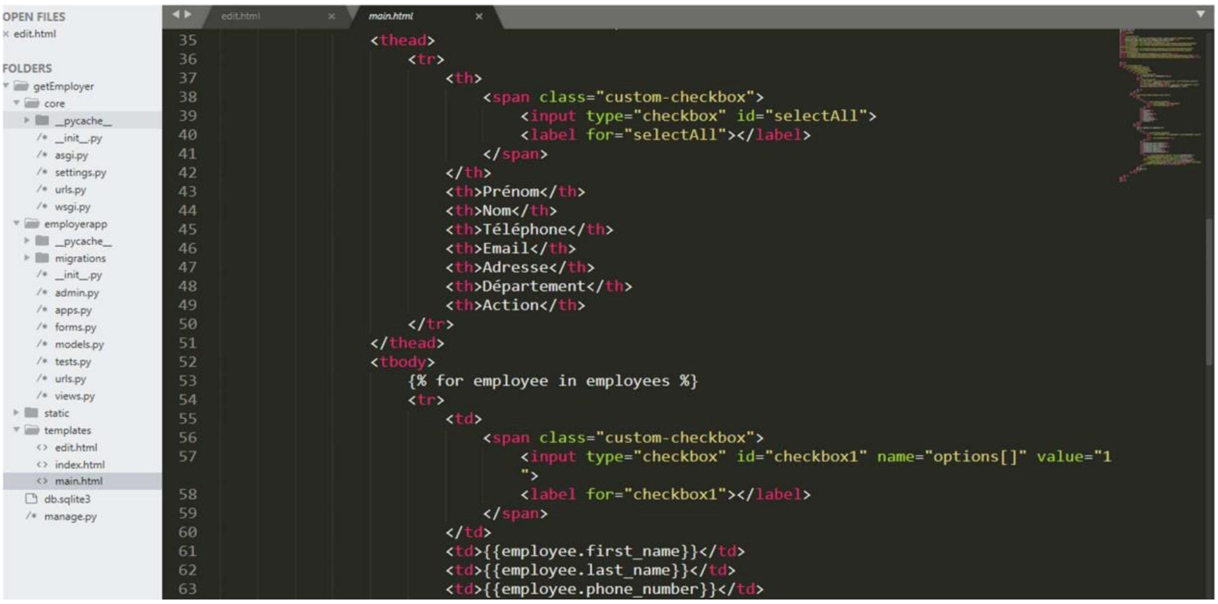
```
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Email:</label>
    <div class="col-sm-4">
      {{form.email}}
    </div>
  </div>
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Adresse:</label>
    <div class="col-sm-4">
      {{form.address}}
    </div>
    <div class="form-group row">
    <label class="col-sm-2 col-form-label">Département:</label>
    <div class="col-sm-4">
      {{form.departement}}
    </div>
    <div class="form-group row">
    <label class="col-sm-1 col-form-label"></label>
    <div class="col-sm-4">
    <button type="submit" class="btn btn-primary">Enregistrer</button>
    </div>
  </div>
    </div>
</form>
</body>
</html>
```

Ces fichiers sont pour la page de home c’est elle qu’on accéde lorsqu’on se connecte à notre plateforme

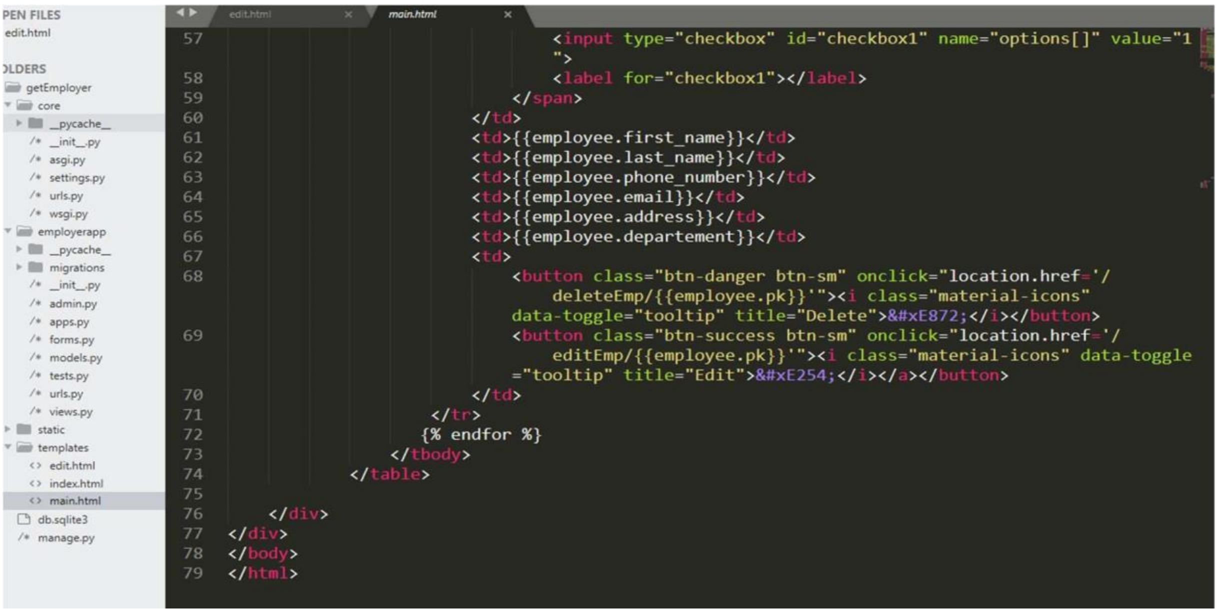
□



```html
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>


</head>
<body>
<div class="container-xl">
    <div class="table-responsive">
        <div class="table-wrapper">
            <div class="table-title">
                <div class="row">
                    <div class="col-sm-6">
                        <h2>Gestion des <b>Employés</b></h2>
                    </div>
                    <div class="col-sm-6">
                        <a href="/emp" class="btn btn-success"><i class="material-icons">&#x
                        E147;</i> <span>Ajouter</span></a>
                        <a href="/delete/{{ employee.id }}" class="btn btn-danger"><i class="
                        material-icons">&#xE15C;</i> <span>Supprimer</span></a>

                    </div>
                </div>
            </div>
            <table class="table table-striped table-hover">
                <thead>
                    <tr>
                        <th>
                            <span class="custom-checkbox">
                                <input type="checkbox" id="selectAll">
                                <label for="selectAll"></label>
                            </span>
```



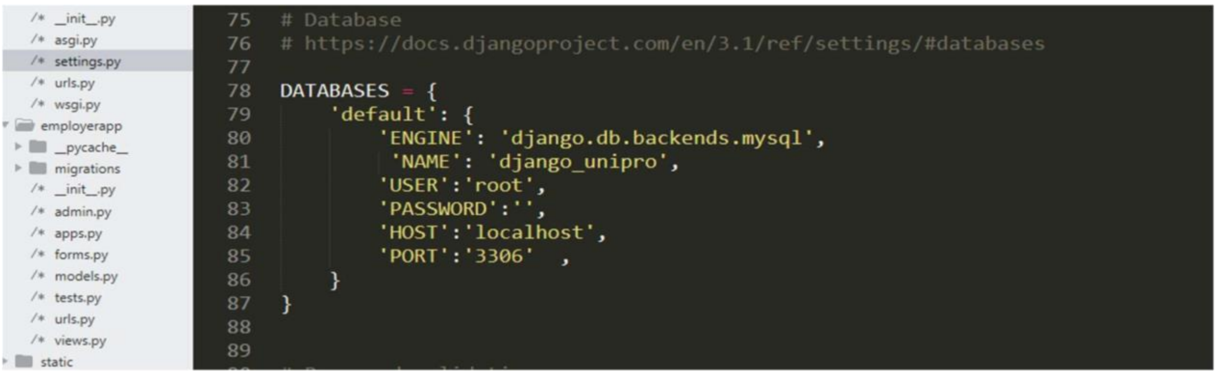
```html
                <thead>
                    <tr>
                        <th>
                            <span class="custom-checkbox">
                                <input type="checkbox" id="selectAll">
                                <label for="selectAll"></label>
                            </span>
                        </th>
                        <th>Prénom</th>
                        <th>Nom</th>
                        <th>Téléphone</th>
                        <th>Email</th>
                        <th>Adresse</th>
                        <th>Département</th>
                        <th>Action</th>
                    </tr>
                </thead>
                <tbody>
                    {% for employee in employees %}
                    <tr>
                        <td>
                            <span class="custom-checkbox">
                                <input type="checkbox" id="checkbox1" name="options[]" value="1
                                ">
                                <label for="checkbox1"></label>
                            </span>
                        </td>
                        <td>{{employee.first_name}}</td>
                        <td>{{employee.last_name}}</td>
                        <td>{{employee.phone_number}}</td>
```



```html
                                <input type="checkbox" id="checkbox1" name="options[]" value="1
                                ">
                                <label for="checkbox1"></label>
                            </span>
                        </td>
                        <td>{{employee.first_name}}</td>
                        <td>{{employee.last_name}}</td>
                        <td>{{employee.phone_number}}</td>
                        <td>{{employee.email}}</td>
                        <td>{{employee.address}}</td>
                        <td>{{employee.departement}}</td>
                        <td>
                            <button class="btn-danger btn-sm" onclick="location.href='/
                                deleteEmp/{{employee.pk}}'"><i class="material-icons"
                            data-toggle="tooltip" title="Delete">&#xE872;</i></button>
                            <button class="btn-success btn-sm" onclick="location.href='/
                                editEmp/{{employee.pk}}'"><i class="material-icons" data-toggle
                            ="tooltip" title="Edit">&#xE254;</i></a></button>
                        </td>
                    </tr>
                    {% endfor %}
                </tbody>
            </table>

        </div>
    </div>
</body>
</html>
```

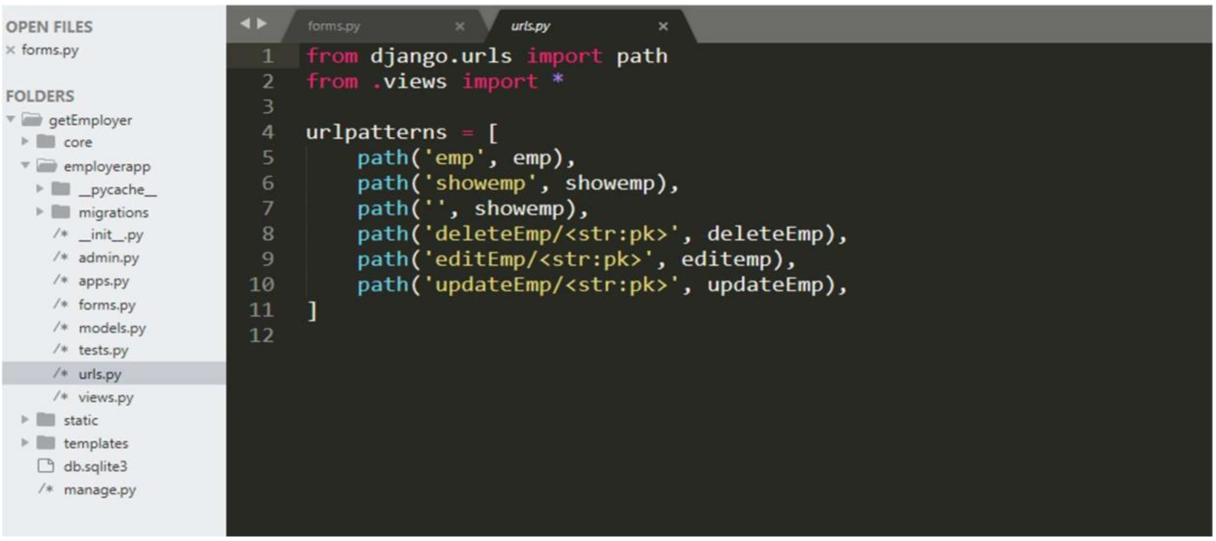
□

cette fichier permet aux employées de s’inscrire



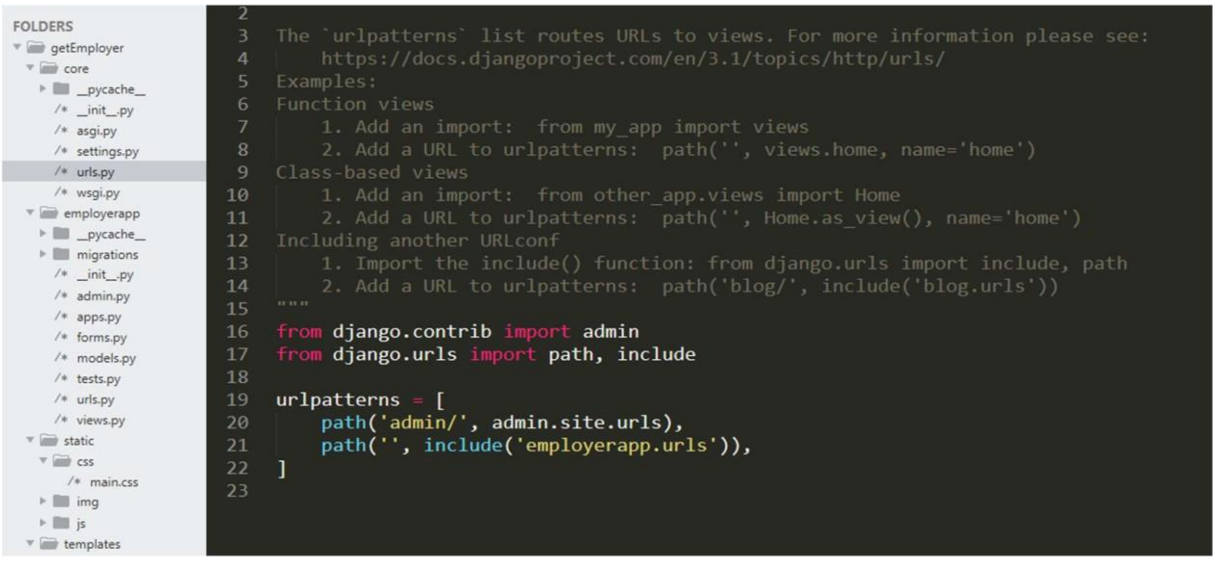
```
# Database
# https://docs.djangoproject.com/en/3.1/ref/settings/#databases

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.mysql',
         'NAME': 'django_unipro',
        'USER':'root',
        'PASSWORD':'',
        'HOST':'localhost',
        'PORT':'3306'   ,
    }
}
```

Configuration de la base de données



```
from django.urls import path
from .views import *

urlpatterns = [
    path('emp', emp),
    path('showemp', showemp),
    path('', showemp),
    path('deleteEmp/<str:pk>', deleteEmp),
    path('editEmp/<str:pk>', editemp),
    path('updateEmp/<str:pk>', updateEmp),
]
```

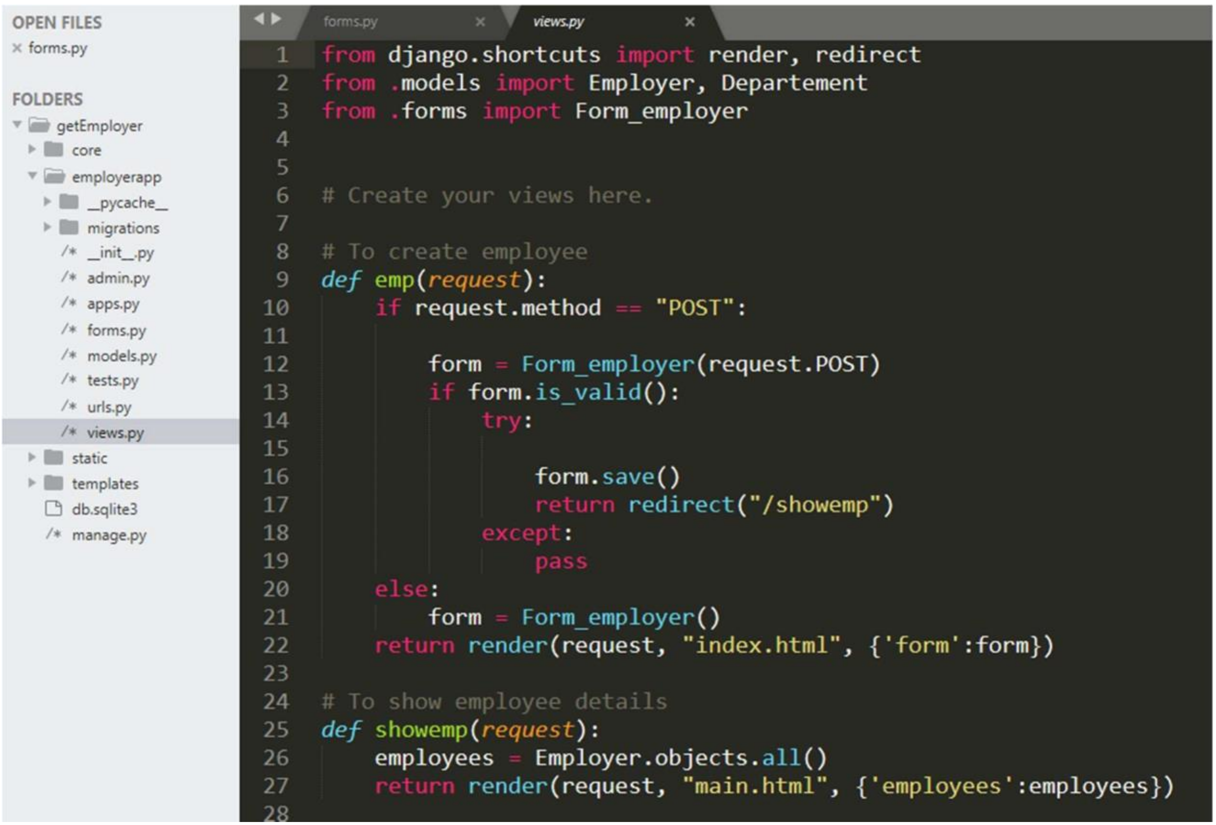
□ cette image permet la configuration des urls qui se trouve dans le dossier du projet



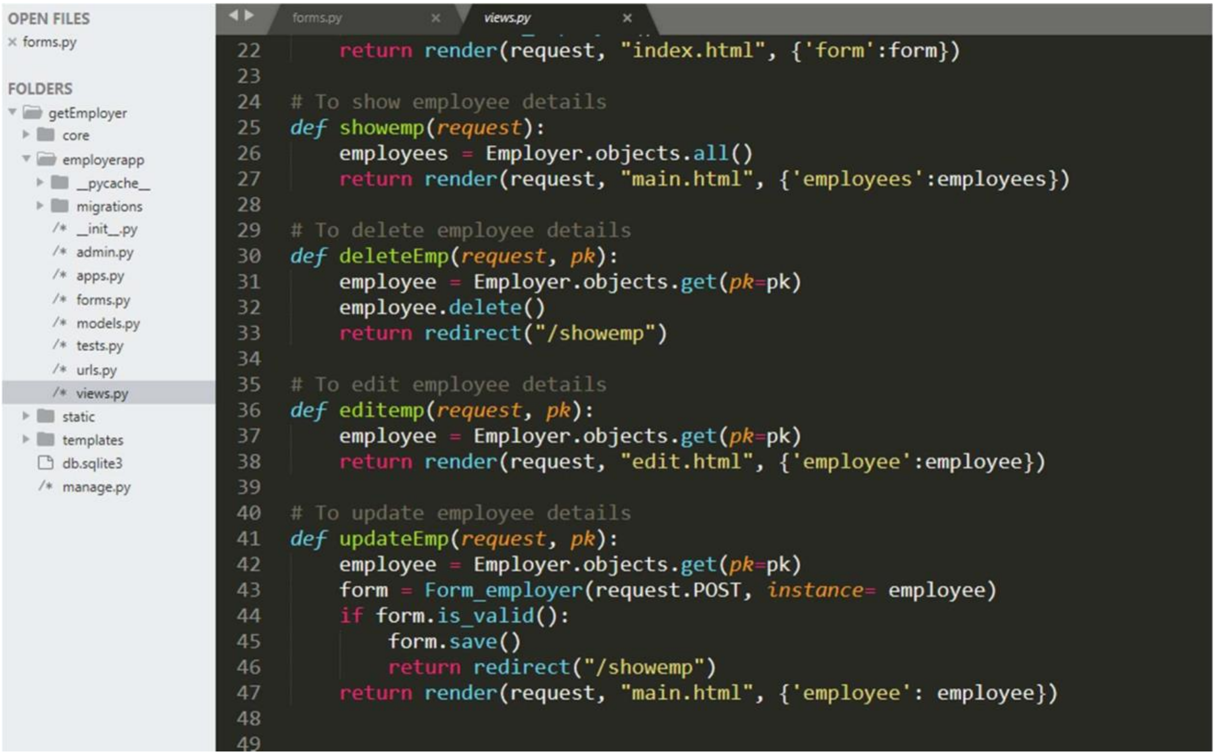
```

The `urlpatterns` list routes URLs to views. For more information please see:
    https://docs.djangoproject.com/en/3.1/topics/http/urls/
Examples:
Function views
    1. Add an import:  from my_app import views
    2. Add a URL to urlpatterns:  path('', views.home, name='home')
Class-based views
    1. Add an import:  from other_app.views import Home
    2. Add a URL to urlpatterns:  path('', Home.as_view(), name='home')
Including another URLconf
    1. Import the include() function: from django.urls import include, path
    2. Add a URL to urlpatterns:  path('blog/', include('blog.urls'))
"""
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('employerapp.urls')),
]

```

url dans le projet

□



```python
from django.shortcuts import render, redirect
from .models import Employer, Departement
from .forms import Form_employer


# Create your views here.

# To create employee
def emp(request):
    if request.method == "POST":

        form = Form_employer(request.POST)
        if form.is_valid():
            try:

                form.save()
                return redirect("/showemp")
            except:
                pass
    else:
        form = Form_employer()
    return render(request, "index.html", {'form':form})

# To show employee details
def showemp(request):
    employees = Employer.objects.all()
    return render(request, "main.html", {'employees':employees})

```



```python
    return render(request, "index.html", {'form':form})

# To show employee details
def showemp(request):
    employees = Employer.objects.all()
    return render(request, "main.html", {'employees':employees})

# To delete employee details
def deleteEmp(request, pk):
    employee = Employer.objects.get(pk=pk)
    employee.delete()
    return redirect("/showemp")

# To edit employee details
def editemp(request, pk):
    employee = Employer.objects.get(pk=pk)
    return render(request, "edit.html", {'employee':employee})

# To update employee details
def updateEmp(request, pk):
    employee = Employer.objects.get(pk=pk)
    form = Form_employer(request.POST, instance= employee)
    if form.is_valid():
        form.save()
        return redirect("/showemp")
    return render(request, "main.html", {'employee': employee})

```

Ce fichier permet l’affichage des interfaces pour l’utilisateur