Django Web项目搭建步骤：

1. 新建一个Django项目ems
2. 在终端输入python manage.py startapp emsapp创建一个app
3. 在settings.py里挂载app

INSTALLED\_APPS = [  
 **'django.contrib.admin'**,  
 **'django.contrib.auth'**,  
 **'django.contrib.contenttypes'**,  
 **'django.contrib.sessions'**,  
 **'django.contrib.messages'**,  
 **'django.contrib.staticfiles'**,  
 **'emsapp'**,  
]

1. 将settings.py修正**'DIRS'**: [BASE\_DIR , **'templates'**]
2. 在templates中新建文件夹ems，在其中写html文件
3. 在app里新建一个urls.py给页面以访问路径

**from** django.urls **import** path   
**from** emsapp **import** views  
  
urlpatterns = [  
 path(**'addemp/'**, views.show\_addEmp),  
 path(**'emplist/'**, views.show\_empList),  
 path(**'login/'**, views.show\_login),  
 path(**'regist/'**, views.show\_regist),  
 path(**'updateemp/'**, views.show\_updateEmp),  
]

1. 在ems中url.py写明app的路径，方便找到app的视图

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

1. 在app的views里写方法（展示界面查询，增删改）

**def** show\_addEmp(request):  
 **return** render(request,**'templates/ems/addEmp.html'**)  
  
**def** show\_empList(request):  
 **return** render(request,**'templates/ems/emplist.html'**)  
  
**def** show\_login(request):  
 **return** render(request,**'templates/ems/login.html'**)  
  
**def** show\_regist(request):  
 **return** render(request,**'templates/ems/regist.html'**)  
  
**def** show\_updateEmp(request):  
 **return** render(request,**'templates/ems/updateEmp.html'**)

1. 启动项目python manage.py runserver
2. 添加样式 在app下新建文件夹static，将css，js，images文件拖入

在每个html中引入样式

<**head**>  
 <**title**>login</**title**>  
 {% **load static** %}  
 <**meta http-equiv="Content-Type" content="text/html; charset=UTF-8"**>  
 <**link rel="stylesheet" type="text/css"  
 href="**{% **static 'css/style.css'** %}**"** />  
</**head**>

1. 开始写addemp逻辑
2. 修改addEmp.html中form表单的action为**<http://127.0.0.1:8000/emsapp/addemplogistic/>**
3. 在views.py中添加方法

**def** addEmp\_logistic(request):  
 name = request.POST[**'name'**]  
 salary = request.POST[**'salary'**]  
 age = request.POST.get(**'age'**)  
 print(name,salary,age)  
 **return** render(request,**'templates/ems/emplist.html'**)

1. 在urls.py中添加路径

path(**'addemplogistic/'**, views.addEmp\_logistic),

1. 遇到CSRF 403Forbidden错误，在form表单的下一行添加

{% **csrf\_token** %}

1. 开始写入数据库 需要新建一个数据库ems

1)在models.py中写

**class** Employee(models.Model):  
 name = models.CharField(max\_length=20)  
 salary = models.CharField(max\_length=20)  
 age = models.CharField(max\_length=20)  
 **class** Meta:  
 db\_table = **'employee'  
  
class** User(models.Model):  
 username = models.CharField(max\_length=20)  
 password = models.CharField(max\_length=20)  
 **class** Meta:  
 db\_table = **'t\_user'**

2）在settings.py中写

DATABASES = {  
 **'default'**: {  
 **'ENGINE'**: **'django.db.backends.mysql'**,  
 **'NAME'**: **'ems'**, #数据库名  
 **'HOST'**: **'127.0.0.1'**,  
 **'PORT'**: 3306,  
 **'USER'**: **'root'**,  
 **'PASSWORD'**:**'123456'**,  
 }  
}  
# 为了匹配数据库版本  
**from** django.db.backends.mysql.base **import** DatabaseWrapper  
DatabaseWrapper.data\_types[**'DateTimeField'**] = **'DateTime'**

3）在终端输入python manage.py makemigrations

4）在终端输入python manage.py migrate 成功在数据库中建表

1. 继续写addEmp逻辑

在views.py中写入

**from** django.shortcuts **import** render,redirect

**from** .models **import** Employee,User

**def** addEmp\_logistic(request):  
 name = request.POST[**'name'**]  
 salary = request.POST[**'salary'**]  
 age = request.POST.get(**'age'**)  
  
 emp\_user = Employee(name=name,salary=salary,age=age)  
 emp\_user.save()  
  
 print(name,salary,age)  
 **return** redirect(**"http://127.0.0.1:8000/emsapp/emplist"**)

成功写入数据库

1. 开始写emplist逻辑

1）在views.py中写入

**def** show\_empList(request):  
 users = Employee.objects.all()  
 print(users)  
 **return** render(request,**'templates/ems/emplist.html'**,{**'users'**:users})

将users传给前端

2）在emplist.html中修改

{% **for i in users** %}  
 <**tr class="row1"**>  
 <**td**>  
 {{ **i**.**id** }}  
 </**td**>  
 <**td**>  
 {{ **i**.**name** }}  
 </**td**>  
 <**td**>  
 {{ **i**.**salary** }}  
 </**td**>  
 <**td**>  
 {{ **i**.**age** }}  
 </**td**>  
 <**td**>  
 <**a href="emplist.html"**>delete emp</**a**>**&nbsp;**<**a href="updateEmp.html"**>update emp</**a**>  
 </**td**>  
</**tr**>  
{% **endfor** %}

成功将数据库中数据显示在emplist中