

Add data

Add.html

```
<form enctype="multipart/form-data" action="" " method=='post'>
{% csrf_token %}
<input type = "number" name = "No" >
<input type="text" name="name" placeholder="enter name"
required/>
<input type="text" name="course" placeholder="enter course"
required/>
<button type=submit>ADD</button>
</form>
```

Models.py in app

```
class student(models.Model):
    indx = models.IntegerField()
    sname = models.CharField(max_length=10)
    scourse = models.CharField(max_length=10)
    def __str__(self):
        return self.sname
```

register the table in admin.py

views.py in app:

```
def add(request):
    if request.method=="POST":
        in = request.POST.get('No')
        n = request.POST.get('name')
```

```

c = request.POST.get('course')
ob = student(indx=in, sname= n, scourse= n)
ob.save()
return redirect(homepage)
return render (request,'add.html')

```

set url for add fnction in urls.py file in app

delete data

home.html

data is fetching here (by a variable(i)). Here has a button to delete and edit each data

in delete button, add url as below:

```
<a href="{% url 'delete' s_id=i.id %}">
```

```
<td><a href="{% url 'delete' s_id=i.id %}" onclick="return confirm('Are you sure want to delete?')" ><button>Delete</button></a></td>
```

Views.py in app

```

30
31 def delete(request,s_id):
32     field_del_var = student_table.objects.get(id=s_id)
33     field_del_var.delete()
34     return redirect(index)
35

```

```
def delete(request,s_id):
```

```
    delt = student.objects.get(id=s_id)
```

```
    delt.delete()
```

```
    return redirect(homepage)
```

update data

in delete button, add url as below:

```
<a href="{% url 'edit' s_id=i.id %}">
```

```
<td><a href="{% url 'edit' s_id=i.id %}" onclick="return confirm('Are you sure want to edit?')"><button>Edit</button></a></td>
```

edit.html page

```
<form action="{% url 'edit' s_id=field_edit_var.id %}" method='post'>
    {% csrf_token %}
    <input type="number" name='ind_no' placeholder="No." value="{{field_edit_var.indx_no_field}}">
    <input type="text" name="s_name" placeholder="Enter name" value="{{field_edit_var.name_field}}" required/>
    <input type="text" name="s_place" placeholder="Place" value="{{field_edit_var.place_field}}" required/>
    <input type="text" name="s_course" placeholder="Course" value="{{field_edit_var.course_field}}" required/>
    <button type="submit" value='post' >UPDATE</button>
</form>
```

```
<form action="{% url 'edit' s_id=ed.id %}" action="" method=='post'>
```

```
{% csrf_token %}
```

```
<input type = "number" name = "No" value="{{ed.indx}}" required/>
```

```
<input type="text" name="name" placeholder="enter name"
value="{{ed.sname}}" required/>
```

```
<input type="text" name="course" placeholder="enter course"
value="{{ed.scourse}}" required/>
```

```
<button type=submit value="post">EDIT</button>
```

```
</form>
```

Views.py in app

```
6 def edit(request,s_id):
7
8     field_edit_var = student_table.objects.get(id=s_id)
9     if request.method == 'POST':
10         index_var = request.POST.get('ind_no')
11         name_var = request.POST.get('s_name')
12         place_var = request.POST.get('s_place')
13         course_var = request.POST.get('s_course')
14         student_table.objects.filter(id=s_id).update(indx_no_field=index_var,name_field=name_var,
15                                                     place_field=place_var,course_field=course_var)
16
17     return redirect(index)
18     return render (request,'edit.html',{'field_edit_var':field_edit_var})
19
```

def edit(request,s_id):

ed = **student**.objects.get(id=s_id)

if request.method == "POST":

in = request.POST.get('No')

n = request.POST.get('name')

c = request.POST.get('course')

student.objects.filter(id=s_id).update(indx=in, sname= n, scourse= n)

return redirect(homepage)

return render(request,'edit.html',{'ed':ed})

all functions urls add in urls.py in app:

- using id in delete and edit function url

```
1
2 from django.urls import path
3 from . import views
4
5 urlpatterns = [
6     path('',views.index,name='index'),
7     path('add',views.add,name='add'),
8     path('delete/<int:s_id>',views.delete,name='delete'),
9     path('edit/<int:s_id>',views.edit,name='edit'),
10
11 ]
12
```