CRUD with search

Copy crud project

Aim: query generate releated to name

Change in html file

```
{% extends 'database/base.html' %}
{% block content %}
<div>
<div align="left">
        <h4>add NEW STUDENT</h4>
        <form action="" method="post" >
        {% csrf_token %}
        {{form.as_p}}
        <input type="submit" value="add">
        </form>
</div>
<div>

        <form action="" method="get">
                <input type="text" name='searchname'>
                <input type="submit" value='search'>
        </form>

        <h4>Show student information</h4>
        {% if stu %}
        <table>
                <tr>
                <th>ID</th>
                <th>Roll</th>
                <th>Name</th>
                <th>Division</th>
                <th>Action<th>
        </tr>
        {% for st in stu %}
        <tr>
        <td>{{st.id}}</td>
        <td>{{st.roll}}</td>
        <td>{{st.name}}</td>
        <td>{{st.division}}</td>
        <td>
                <form action="{% url 'updatedata' st.id %}" method="post">
                        {% csrf_token %}
                        <input type="submit" value="update">
                </form>
                <form action="{% url 'deletedata' st.id %}" method="post">
                        {% csrf_token %}
                        <input type="submit" value="Delete">
                </form>
```
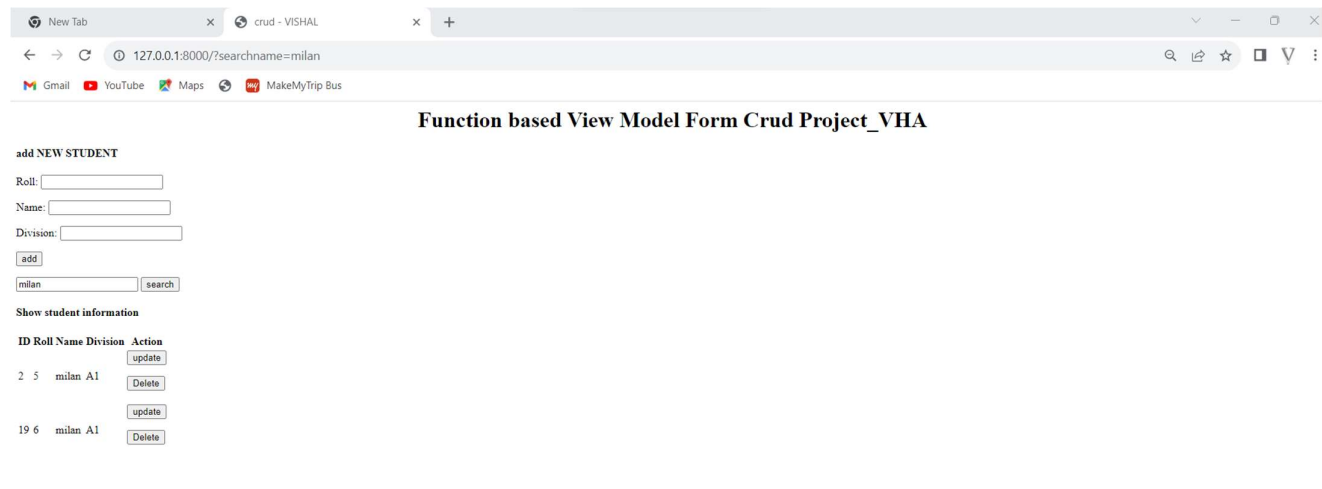
```
        </td>
        </tr>
        {% endfor %}
        </table>


        {% else %}
        <h4> No Data </h4>
        {% endif %}
</div>
</div>
{% endblock content %}
```

Change in views.py

```python
from django.shortcuts import render, HttpResponseRedirect
from .forms import StudentRegistration
from .models import User
# Create your views here.
def add_show(request):
 if request.method == 'POST':
  fm = StudentRegistration(request.POST)
  if fm.is_valid():
   r = fm.cleaned_data['roll']
   n = fm.cleaned_data['name']
   d = fm.cleaned_data['division']
   reg = User(roll=r, name=n, division=d)
   reg.save()
   fm = StudentRegistration()
 else:
  fm = StudentRegistration()
  sname=request.GET.get("searchname")
 if sname:
  stud = User.objects.filter(name__icontains=sname)
 else:
  stud = User.objects.all()
 return render(request, 'database/addshow.html', {'form':fm, 'stu':stud})

# This Function will Update/Edit
def update_data(request, id):
 if request.method == 'POST':
  pi = User.objects.get(pk=id)
  fm = StudentRegistration(request.POST, instance=pi)
  if fm.is_valid():
   fm.save()
 else:
  pi = User.objects.get(pk=id)
  fm = StudentRegistration(instance=pi)
 return render(request, 'database/updatestudent.html', {'form':fm})
```

```python
# This Function will Delete
def delete_data(request, id):
 if request.method == 'POST':
  pi = User.objects.get(pk=id)
  pi.delete()
  return HttpResponseRedirect('/')
```

output: