

Student Management System Angular Project :

HTML FILE:

```
<table border="1">
  <tr>
    <td>Id</td>
    <td>Name</td>
    <td>Marks</td>
    <td>City</td>
    <td>Action</td>
  </tr>

  <tr *ngFor="let obj of list">
    <td>{{obj.id}}</td>
    <td>{{obj.name}}</td>
    <td>{{obj.marks}}</td>
    <td>{{obj.city}}</td>
    <td>
      <button (click)="delete(obj)">Delete</button>
    </td>
  </tr>
</table>

<br><br><br>

AddNewStudent:<br>
Id:<input type="number" [(ngModel)]="id"><br>
Name:<input type="text" [(ngModel)]="name"><br>
Marks:<input type="number" [(ngModel)]="marks"><br>
City:<input type="text" [(ngModel)]="city"><br>
<button (click)="add()">Add</button>
```

APP.COMPONENT FILE :

```
import { Component } from '@angular/core';
import { HttpClient } from '@angular/common/http'

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  constructor(private http:HttpClient)
  {
    let url=this.baseUrl+'read';
    this.http.get(url).subscribe((data:any)=>
    {
      this.list=data;
    });
  }
  //baseUrl="http://localhost:8080/";
  baseUrl="http://13.49.240.216:8080/StudentM/";

  list:any[]=[];
  id:number=0;
  name:String='';
  marks:number=0;
  city:String='';

  add()
  {
    let url=this.baseUrl+'add'+this.id+'and'+this.name+'and'+this.marks+'and'+this.city;
    this.http.get(url).subscribe((data:any)=>
    {
      this.list.push(data);
      this.id=0;
      this.name='';
      this.marks=0;
      this.city='';
    });
  }
  delete(obj:any)
  {
    let url=this.baseUrl+'delete'+obj.id;
    this.http.get(url).subscribe((data:any)=>
    {
      if(data==true)
      {
        let index=this.list.indexOf(obj);
        this.list.splice(index,1);
      }
      else{
        window.alert('Something is wrong');
      }
    });
  }
}
```

APP MODULE :

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';
import { HttpClientModule } from '@angular/common/http';

import { AppComponent } from './app.component';
import { FormsModule } from '@angular/forms'

@NgModule({
  declarations: [
    AppComponent
  ],
  imports: [
    BrowserModule,
    HttpClientModule,
    FormsModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

SPRING CODE :(StudentManag)

(monday file)

```
package com.demo.hellospring;
```

```
import java.util.*;
```

```
import org.springframework.web.bind.annotation.CrossOrigin;
```

```
import org.springframework.web.bind.annotation.PathVariable;
```

```
import org.springframework.web.bind.annotation.RequestMapping;
```

```
import org.springframework.web.bind.annotation.RestController;
```

```
@RestController
```

```
@CrossOrigin
```

```
public class monday {
```

```
    List<Student1> list = new ArrayList<>();
```

```
    @RequestMapping("delete{id}")
```

```
    public boolean delete(@PathVariable int id)
```

```
    {
```

```
        for(int i = 0; i < list.size(); i++)
```

```
        {
```

```
            if(list.get(i).id==id)
```

```
            {
```

```
                list.remove(i);
```

```
                return true;
```

```
            }
```

```
        }
```

```

        return false;
    }

    @RequestMapping("add{id}and{name}and{marks}and{city}")

    public Student1 add(@PathVariable int id, @PathVariable String name, @PathVariable int
marks, @PathVariable String city)
    {

        Student1 student = new Student1(id, name, marks, city);

        list.add(student);

        return student;

    }

    @RequestMapping("read")

    public List<Student1> read()
    {

        return list;

    }

}

```

(Student1):

```
package com.demo.hellospring;

import java.util.*;

import org.springframework.web.bind.annotation.CrossOrigin;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;

@RestController
@CrossOrigin

public class monday {

    List<Student1> list = new ArrayList<>();

    @RequestMapping("delete{id}")

    public boolean delete(@PathVariable int id)
    {

        for(int i = 0; i < list.size(); i++)
        {

            if(list.get(i).id==id)
            {

                list.remove(i);

                return true;

            }

        }

        return false;
    }
}
```

```
}
```

```
@RequestMapping("add{id}and{name}and{marks}and{city}")
```

```
public Student1 add(@PathVariable int id, @PathVariable String name, @PathVariable int  
marks, @PathVariable String city)
```

```
{
```

```
    Student1 student = new Student1(id, name, marks, city);
```

```
    list.add(student);
```

```
    return student;
```

```
}
```

```
@RequestMapping("read")
```

```
public List<Student1> read()
```

```
{
```

```
    return list;
```

```
}
```

```
}
```

QR CODE :

<http://13.49.240.216:8080/studentpro/>

