Student Management System Angular Project :

HTML FILE:

```html
<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>
       </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 :

```typescript
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 :

```typescript
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;

                }

        }
```

```java
                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):

```java
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;
```

```java
        }

        @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://65.0.99.161:8080/akshu/