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**Emp id:TR10436**

**Date:12-08-2023**

**Tasks:**

Created Student Management Project Api using Code first and Db first.

**1)Code First**

**Project name:StudentDetails**

**Output:**

The screenshot displays the Swagger UI for the 'StudentDetails v1' API. The top navigation bar includes the Swagger logo, a 'Select a definition' dropdown set to 'StudentDetails v1', and browser tabs for 'Atrium' and 'Verizon'. The main header shows 'StudentDetails 1.0 OAS3' with the URL 'http://localhost:5180/swagger/v1/swagger.json'. Below this, the 'Student' section is expanded, showing a GET endpoint at '/api/Student'. The 'Parameters' tab is active, indicating 'No parameters'. The 'Responses' tab shows a 200 status code with a 'Success' description. A 'Try it out' button is present. Below the response table, a 'Media type' dropdown is set to 'text/plain', and a 'Controls' section shows 'Accept: header'. The bottom part of the image shows the 'Responses' section with a 'Curl' command, 'Request URL' ('http://localhost:5180/api/Student?rollno=1'), and 'Server response' details. The response body is a JSON array of three student objects. The 'Response headers' section shows 'content-type: application/json; charset=utf-8'. The Windows taskbar at the bottom indicates the time is 19:58 on 12-08-2023.

Swagger UI for StudentDetails v1 API.

Endpoint: GET /api/Student

Parameters: No parameters

Responses:

| Code | Description | Links    |
|------|-------------|----------|
| 200  | Success     | No links |

Media type: text/plain

Controls: Accept: header

Responses:

Curl:

```
curl -X 'DELETE' \
  'http://localhost:5180/api/Student?rollno=1' \
  -H 'accept: text/plain'
```

Request URL:

```
http://localhost:5180/api/Student?rollno=1
```

Server response:

| Code | Details  |
|------|--|
| 200  | <pre>{   "rollno": 3,   "studname": "string",   "addr": "string",   "phno": 8 }, {   "rollno": 4,   "studname": "D000",   "addr": "DAddress",   "phno": 900000001 }, {   "rollno": 6,   "studname": "Git",   "addr": "Github",   "phno": 999999999 }</pre> |

Response headers:

```
content-type: application/json; charset=utf-8
```

Swagger UI

localhost:5180/swagger/index.html

Atrium Verizon

### Responses

Curl

```
curl -X 'PUT' \
  'http://localhost:5180/api/Student?rollno=1' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "rollno": 0,
    "studname": "string",
    "addr": "string",
    "phno": 0
  }'
```

Request URL

http://localhost:5180/api/Student?rollno=1

Server response

| Code | Details          |
|------|------------------|
| 404  | Error: Not Found |

Response body

Student Not Found

Response headers

```
content-type: text/plain; charset=utf-8
date: Sat, 12 Aug 2023 14:29:12 GMT
server: Kestrel
transfer-encoding: chunked
```

Responses

| Code | Description |
|------|-------------|
|------|-------------|

Links

Coimbatore IT P...  
Closed road

27°C  
Haze

19:59  
12-08-2023

Swagger UI

localhost:5180/swagger/index.html

Atrium Verizon

Execute Clear

### Responses

Curl

```
curl -X 'GET' \
  'http://localhost:5180/api/Student/4' \
  -H 'accept: text/plain'
```

Request URL

http://localhost:5180/api/Student/4

Server response

| Code | Details |
|------|---------|
| 200  |         |

Response body

```
{
  "rollno": 4,
  "studname": "DDDD",
  "addr": "DAddress",
  "phno": 500000001
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Sat, 12 Aug 2023 14:38:02 GMT
server: Kestrel
transfer-encoding: chunked
```

Responses

| Code | Description |
|------|-------------|
| 200  |             |

Links

No links

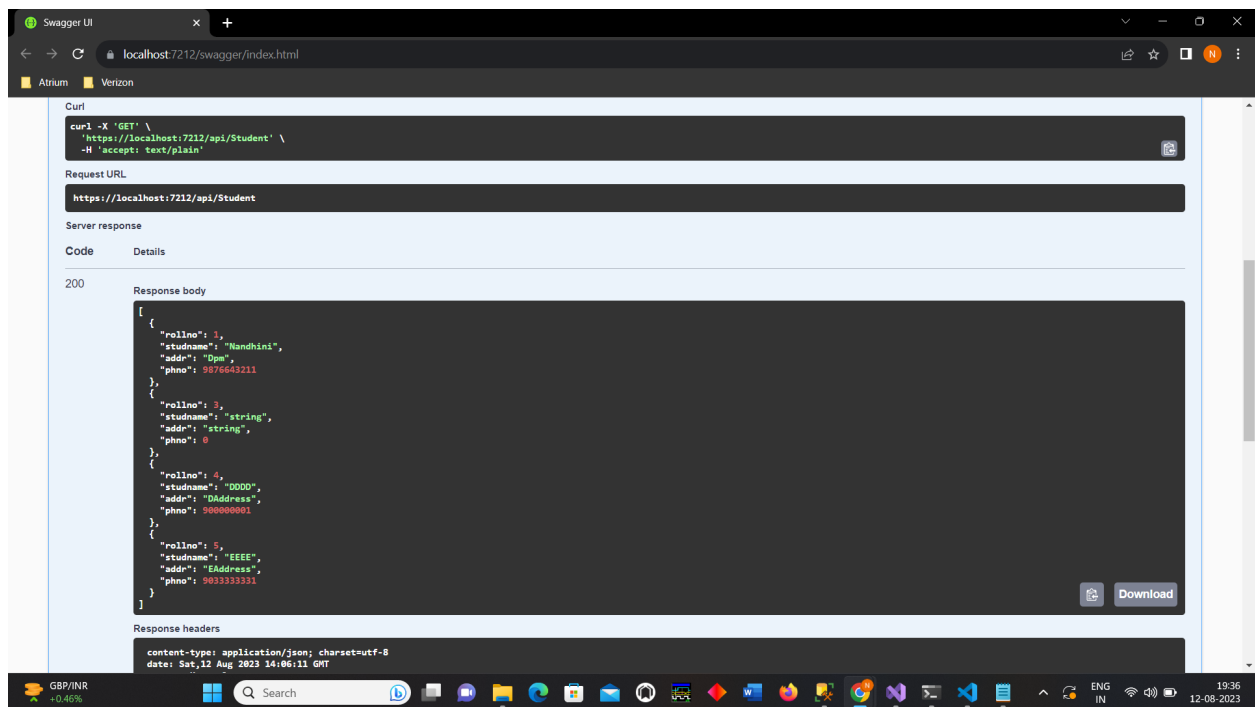
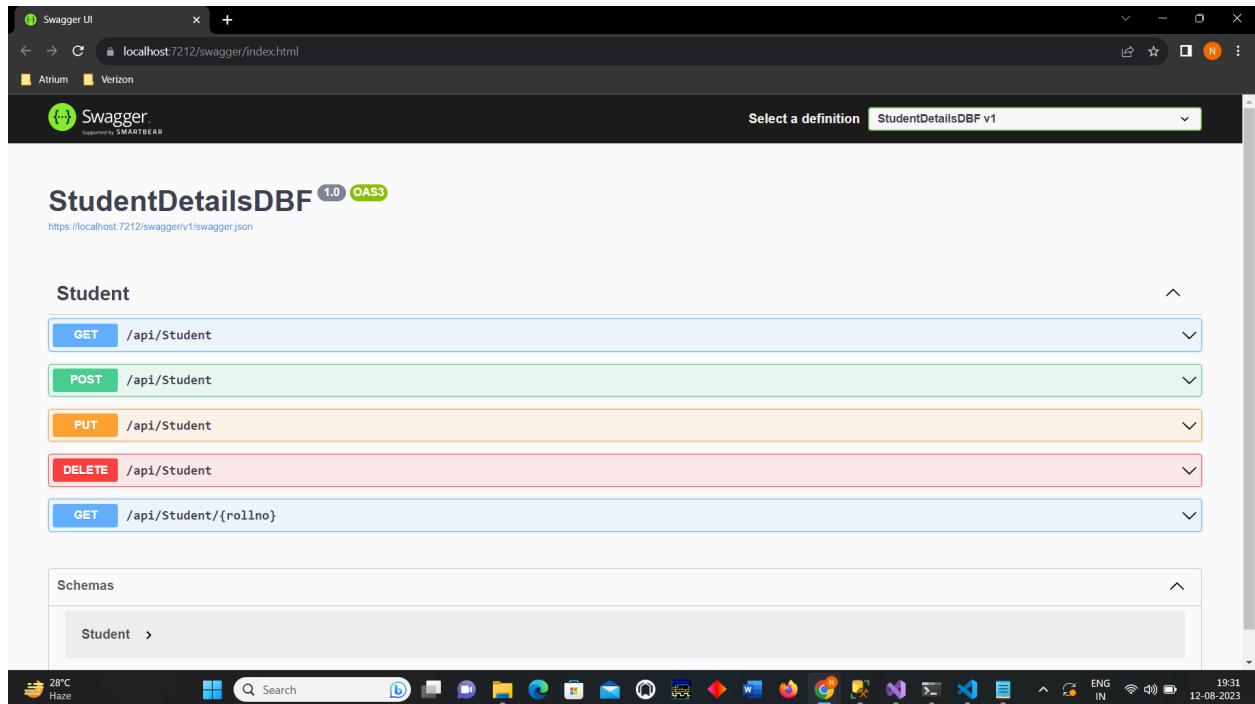
27°C  
Haze

20:00  
12-08-2023

## 2)DB First

Project name:StudentDetailsDBF

Output:



No parameters

Request body application/json

```
{
  "rollno": 6,
  "studname": "Git",
  "addr": "Github",
  "phno": 999999999
}
```

Execute Clear

Swagger UI

localhost:7212/swagger/index.html

Atrium Verizon

200

Response body

```
{
  "rollno": 1,
  "studname": "AAAA",
  "addr": "AAddress",
  "phno": 9876643211
},
{
  "rollno": 3,
  "studname": "string",
  "addr": "string",
  "phno": 0
},
{
  "rollno": 4,
  "studname": "DDDD",
  "addr": "DAddress",
  "phno": 900000001
},
{
  "rollno": 5,
  "studname": "EEEE",
  "addr": "EAddress",
  "phno": 9033333331
},
{
  "rollno": 6,
  "studname": "Git",
  "addr": "Github",
  "phno": 999999999
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Sat, 12 Aug 2023 14:12:28 GMT
server: Kestrel
```

Responses

| Code | Description | Links    |
|------|-------------|----------|
| 200  | Success     | No links |

Media type

28°C Haze

Search

ENG IN

19:43 12-08-2023

Swagger UI

localhost:7212/swagger/index.html

Atrium Verizon

Curl

```
curl -X 'DELETE' \
  'https://localhost:7212/api/Student?rollno=5' \
  -H 'accept: text/plain'
```

Request URL

https://localhost:7212/api/Student?rollno=5

Server response

Code Details

200

Response body

```
{
  [
    {
      "rollno": 1,
      "studname": "Nandhini",
      "addr": "Dgm",
      "phno": 9876543211
    },
    {
      "rollno": 3,
      "studname": "string",
      "addr": "string",
      "phno": 0
    },
    {
      "rollno": 4,
      "studname": "DDDD",
      "addr": "DAddress",
      "phno": 900000001
    },
    {
      "rollno": 6,
      "studname": "Git",
      "addr": "Github",
      "phno": 999999999
    }
  ]
}
```

Response headers

content-type: application/json; charset=utf-8

28°C Haze

Search

19:43 12-08-2023

Swagger UI

localhost:7212/swagger/index.html

Atrium Verizon

Curl

```
curl -X 'GET' \
  'https://localhost:7212/api/Student/6' \
  -H 'accept: text/plain'
```

Request URL

https://localhost:7212/api/Student/6

Server response

Code Details

200

Response body

```
{
  "rollno": 6,
  "studname": "Git",
  "addr": "Github",
  "phno": 999999999
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Sat, 12 Aug 2023 14:13:58 GMT
server: Kestrel
```

Responses

| Code | Description | Links    |
|------|-------------|----------|
| 200  | Success     | No links |

Media type

text/plain

Controls Accept header.

Example Value Schema

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Search

19:43 12-08-2023