

DJANGO PROJECT

SUBMITTED TO:

Ms. Hafsa Shakeel

SUBMITTED BY:

Naman Moolri (CEQ-525)

1. WEBSITE: [Api Root – Django REST framework](#)

Django REST framework

Nick14

Api Root

Api Root

The default basic root view for DefaultRouter

GET /api/

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
{
  "student": "http://127.0.0.1:8000/api/student/"
}
```

2. STUDENT LIST

Website: [Student List – Django REST framework](#)

Django REST framework

Nick14

Api Root / Student List

Student List

GET /api/student/

HTTP 200 OK

Allow: GET, POST, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
[
  {
    "url": "http://127.0.0.1:8000/api/student/1/",
    "stu_id": 14,
    "stu_name": "Naman",
    "stu_branch": "DevOps"
  },
  {
    "url": "http://127.0.0.1:8000/api/student/2/",
    "stu_id": 1,
    "stu_name": "Nick",
    "stu_branch": "CSE"
  }
]
```

Raw data

HTML form

Stu id

Stu name

Stu branch

POST

3. POST

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Api Root / Student List

Student List

OPTIONS GET ▾

POST /api/student/

HTTP 201 Created
Allow: GET, POST, HEAD, OPTIONS
Content-Type: application/json
Location: http://127.0.0.1:8000/api/student/3/
Vary: Accept

```
{
  "url": "http://127.0.0.1:8000/api/student/3/",
  "stu_id": 23,
  "stu_name": "Manav",
  "stu_branch": "Medical"
}
```

Raw data HTML form

Stu id

23

Stu name

Manav

Stu branch

Medical

POST

4. POST SUCCESSFUL

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Api Root / Student List / Student Instance

Student Instance

DELETE OPTIONS GET ▾

GET /api/student/3/

HTTP 200 OK
Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

```
{
  "url": "http://127.0.0.1:8000/api/student/3/",
  "stu_id": 23,
  "stu_name": "Manav",
  "stu_branch": "Medical"
}
```

Raw data HTML form

Stu id

13

Stu name

Akshit

Stu branch

C++

PUT

5. PUT

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Api Root / Student List / Student Instance

Student Instance DELETE OPTIONS GET

PUT /api/student/3/

HTTP 200 OK
Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

```
{
  "url": "http://127.0.0.1:8000/api/student/3/",
  "stu_id": 13,
  "stu_name": "Akshit",
  "stu_branch": "C++"
}
```

Raw data HTML form

Stu id	<input type="text" value="13"/>
Stu name	<input type="text" value="Akshit"/>
Stu branch	<input type="text" value="C++"/>

PUT

6. DELETE

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Api Root / Student List / Student Instance

Student Instance DELETE OPTIONS GET

GET /api/student/2/

HTTP 200 OK
Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

```
{
  "url": "http://127.0.0.1:8000/api/student/2/",
  "stu_id": 1,
  "stu_name": "Nick",
  "stu_branch": "CSE"
}
```

Raw data HTML form

Stu id	<input type="text" value="1"/>
Stu name	<input type="text" value="Nick"/>
Stu branch	<input type="text" value="CSE"/>

PUT

7. DELETING

Django REST framework Nick14

Api Root / Student List / Student Instance

Student Instance

GET /api/student/2/

HTTP 200 OK
Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

```
{
  "url": "http://127.0.0.1:8000/api/student/2/",
  "stu_id": 1,
  "stu_name": "Nick",
  "stu_branch": "CSE"
}
```

Raw data HTML form

Stu id 1

Stu name Nick

Stu branch CSE

DELETE OPTIONS GET

PUT

Are you sure you want to delete this Student Instance?

Cancel Delete

8. DELETE SUCCESSFUL

Django REST framework Nick14

Api Root / Student List / Student Instance

Student Instance

DELETE /api/student/2/

HTTP 204 No Content
Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

Raw data HTML form

Stu id

Stu name

Stu branch

DELETE OPTIONS GET

PUT