

# Django Python Machine Test

- List of all clients  
GET /clients/

Client

Client

OPTIONS GET

GET /clients/

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

```
[
  {
    "id": 12,
    "client_name": "Nimap",
    "created_by": "mowli",
    "created_at": "2024-06-21T17:38:07.012289Z",
    "updated_at": "2024-06-21T17:38:07.012371Z"
  },
  {
    "id": 13,
    "client_name": "Tech",
    "created_by": "mowli",
    "created_at": "2024-06-21T17:44:06.565948Z",
    "updated_at": "2024-06-21T17:44:06.565989Z"
  },
  {
    "id": 14,
    "client_name": "Guvi",
    "created_by": "mowli",
    "created_at": "2024-06-21T17:59:56.076439Z",
    "updated_at": "2024-06-21T17:59:56.076470Z"
  }
]
```

- Create a new client  
POST /clients/

Client

Client

OPTIONS GET

POST /clients/

HTTP 201 Created  
Allow: GET, POST, HEAD, OPTIONS  
Content-Type: application/json  
Vary: Accept

```
{
  "id": 14,
  "client_name": "Guvi",
  "created_by": "mowli",
  "created_at": "2024-06-21T17:59:56.076439Z",
  "updated_at": "2024-06-21T17:59:56.076470Z"
}
```

Raw data HTML form

Client name Guvi

POST

- Retrieve info of a client along with projects assigned to its users

GET /clients/:id

Client Detail

DELETEOPTIONSGET

GET /client/12

HTTP 200 OK

Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
{
  "id": 12,
  "client_name": "Nimap",
  "created_by": "mowli",
  "created_at": "2024-06-21T17:38:07.012289Z",
  "updated_at": "2024-06-21T17:38:07.012371Z",
  "projects": [
    {
      "id": 30,
      "project_name": "Netflix"
    },
    {
      "id": 31,
      "project_name": "Instagram"
    }
  ]
}
```

Raw dataHTML form

Client name

Nimap

- Update info of a client  
PUT-PATCH /clients/:id

Client Detail

DELETEOPTIONSGET

PUT /client/12

HTTP 200 OK

Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
{
  "id": 12,
  "client_name": "Nimap_tech_company",
  "created_by": "mowli",
  "created_at": "2024-06-21T17:38:07.012289Z",
  "updated_at": "2024-06-21T18:03:48.059565Z",
  "projects": [
    {
      "id": 30,
      "project_name": "Netflix"
    },
    {
      "id": 31,
      "project_name": "Instagram"
    }
  ]
}
```

Raw dataHTML form

Client name

Nimap\_tech\_company

PUT

- DELETE /clients/:id

Client Detail

DELETEOPTIONSGET

DELETE /client/12

HTTP 204 No Content

Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

Raw dataHTML form

Client name

PUT

- Create a new project  
POST projects/

Project

Project

OPTIONS GET

POST /projects/

HTTP 201 Created

Allow: GET, POST, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
{
  "id": 29,
  "project_name": "Instagram",
  "client": 1,
  "users": [
    1,
    2
  ],
  "created_by": 1,
  "created_at": "2024-06-21T16:59:38.405658Z",
  "updated_at": "2024-06-21T16:59:38.405689Z"
}
```

Raw dataHTML form

Project name

Instagram

Client

Client object (1)

Users

mowli  
surya

Created by

mowli

POST

- List of all projects assigned to the logged-in user  
GET /projects/

GET /projects/

HTTP 200 OK

Allow: GET, POST, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
[
  {
    "id": 21,
    "project_name": "django project",
    "client": 1,
    "users": [
      2
    ],
    "created_by": 1,
    "created_at": "2024-06-21T15:46:12.980017Z",
    "updated_at": "2024-06-21T15:46:12.980049Z"
  },
  {
    "id": 22,
    "project_name": "django project",
    "client": 2,
    "users": [
      2
    ],
    "created_by": 1,
    "created_at": "2024-06-21T15:46:22.145616Z",
    "updated_at": "2024-06-21T15:46:22.145662Z"
  },
  {
    "id": 23,
    "project_name": "netflix",
    "client": 1,
    "users": [
      1,
      2
    ],
    "created_by": 1,
    "created_at": "2024-06-21T16:03:18.392776Z",
    "updated_at": "2024-06-21T16:03:18.392814Z"
  },
  {
    "id": 24,
    "project_name": "netflix",
    "client": 7,
    "users": [
      1,
      2
    ],
    "created_by": 1,
    "created_at": "2024-06-21T16:03:28.124752Z",
    "updated_at": "2024-06-21T16:03:28.124796Z"
  },
  {
    "id": 25,
    "project_name": "netflix"
  }
]
```

- DELETE /projects/:id  
The response status should be 204.

Project Detail

Project Detail

DELETE /project/29

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

- Multiple clients cannot be part of the same project.

Project

Project

POST /projects/

HTTP 400 Bad Request  
Allow: GET, POST, HEAD, OPTIONS  
Content-Type: application/json  
Vary: Accept

```
{  "non_field_errors": [    "The fields project_name, client must make a unique set."  ]}
```

Raw data HTML form

Project name

Netflix

Client

Client object (15)

Users

mowli  
surya

Created by

mowli

POST