

# Inventory Management System

## Authentication:

URL: <http://127.0.0.1:8000/auth/login/>

## Request:

Formdata-> body->raw->json

```
{"username": "test", "password": "1234"}
```

## Response:

```
{
  "refresh":
  "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1b190eXBlljoicmVmcmVzaCI6MTcyOTIzMTc5MCwiaWF0IjoxNzI5MTQ1MzkwLCJqdGkiOiI2NDg0ODMzZjdmZjQ0ZWE1YjkyODJlMzdjNDJjYzM1YiIsInVzZXJfaWQiOiJF9.UQzbWMhLKa4PadYYUwvAA_wb_dfcCMaYEECqijBN714",
  "access":
  "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1b190eXBlljoicmVmcmVzaCI6MTcyOTIzMTc5MCwiaWF0IjoxNzI5MTQ1MzkwLCJqdGkiOiI2NDg0ODMzZjdmZjQ0ZWE1YjkyODJlMzdjNDJjYzM1YiIsInVzZXJfaWQiOiJF9.UQzbWMhLKa4PadYYUwvAA_wb_dfcCMaYEECqijBN714"
}
```

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** http://127.0.0.1:8000/auth/login/
- Body:** JSON format with the payload: 

```
{ "username": "test", "password": "1234" }
```
- Response:** 200 OK, 212 ms, 793 B. The response body is displayed in JSON format: 

```
{
  "refresh": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1b190eXBlljoicmVmcmVzaCI6MTcyOTIzMTc5MCwiaWF0IjoxNzI5MTQ1MzkwLCJqdGkiOiI2NDg0ODMzZjdmZjQ0ZWE1YjkyODJlMzdjNDJjYzM1YiIsInVzZXJfaWQiOiJF9.UQzbWMhLKa4PadYYUwvAA_wb_dfcCMaYEECqijBN714",
  "access": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1b190eXBlljoicmVmcmVzaCI6MTcyOTIzMTc5MCwiaWF0IjoxNzI5MTQ1MzkwLCJqdGkiOiI2NDg0ODMzZjdmZjQ0ZWE1YjkyODJlMzdjNDJjYzM1YiIsInVzZXJfaWQiOiJF9.UQzbWMhLKa4PadYYUwvAA_wb_dfcCMaYEECqijBN714"
}
```

## Create Item:

url: <http://127.0.0.1:8000/items/>

Method: POST

### Request:

-H "Content-Type: application/json"

-H "Authorization: Bearer

eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1bGl90eXBlljoiYWNjZXNzliwiZXhwljoxNzI5MTQ1NjkwLCJpYXQiOiE3MjkxNDUzOTAsImp0aSI6IjRmZDQxNmI0YTdhYzQxYjdhMWI5NzZjOTIwODcxN2RiliwidXNlcl9pZCI6MX0.MQAxpo2ueJv8vKOLFsz2-EJK0lqZm5t2yWjX-CSQnUA"

-d '{"name": "New Item", "description": "This is a new item", "quantity": 100}'

### Response:

```
{
  "id": 7,
  "name": "New Item7",
  "description": "This is a new item",
  "quantity": 100
}
```

The screenshot displays a REST client interface with the following components:

- Request Bar:** Method **POST** and URL **http://127.0.0.1:8000/items/**. A **Send** button is on the right.
- Tabs:** Params, Authorization, **Headers (10)**, Body, Scripts, Settings. A **Cookies** link is on the far right.
- Headers Section:** Labeled "Headers" with a sub-label "8 hidden". It contains a table with 4 columns: Key, Value, Description, and actions (Bulk Edit, Presets).

Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/> Content-Type	application/json				
<input checked="" type="checkbox"/> Authorization	Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2...				
Key	Value	Description			
- Response Section:** Tabs include Body, Cookies, Headers (10), and Test Results. The **Body** tab is active, showing a status of **201 Created** with a response time of 203 ms and a size of 391 B. It includes a "Save Response" button. The response body is shown in **JSON** format:

```
1 {
2   "id": 7,
3   "name": "New Item7",
4   "description": "This is a new item",
5   "quantity": 100
6 }
```

Get item:

url: <http://127.0.0.1:8000/items/3/>

Method: GET

Request:

-H "Content-Type: application/json"

-H "Authorization: Bearer eyJ0eXAIOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1bG90eXB1IjoieYWNjZXNzliwiZXhwIjoxNzI5MTQ1NjkwLCJpYXQiOiE3MjkxNDUzOTAsImp0aSI6IjRmZDQxNmI0YTdhYzQxYjdhMWI5NzZjOTIwODcxN2RiliwidXNlcl9pZCI6MX0.MQAxpo2ueJv8vKOLFsz2-EJK0IqZm5t2yWjX-CSQnUA"

Response:

```
{
  "id": 3,
  "name": "prod",
  "description": "This is an updated description1",
  "quantity": 600
}
```

GET

http://127.0.0.1:8000/items/3/

Send

Params

Authorization

Headers (8)

Body

Scripts

Settings

Cookies

Headers

6 hidden

	Key	Value	Description		Bulk Edit	Presets
	Content-Type	application/json				
	Authorization	Bearer eyJ0eXAIOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1bG90eXB1IjoieYWNjZXNzliwiZXhwIjoxNzI5MTQ1NjkwLCJpYXQiOiE3MjkxNDUzOTAsImp0aSI6IjRmZDQxNmI0YTdhYzQxYjdhMWI5NzZjOTIwODcxN2RiliwidXNlcl9pZCI6MX0.MQAxpo2ueJv8vKOLFsz2-EJK0IqZm5t2yWjX-CSQnUA				
	Key	Value	Description			

body

Cookies

Headers (10)

Test Results

200 OK

116 ms

393 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "id": 3,
3   "name": "prod",
4   "description": "This is an updated description1",
5   "quantity": 600
6 }
```

### Update Item:

**url:** [http://127.0.0.1:8000/update\\_item/4/](http://127.0.0.1:8000/update_item/4/)

**Request:**

**Method:** PUT

```
-H "Content-Type: application/json"
-H "Authorization: Bearer
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1bG90eXBlljoiYWVjZXNzliwiZXhwIjoxNzI5MTQ1NjkwLCJpYXQiOiE3MjMxNDUzOTAsImp0aSI6IjRmZDQxNmI0YTdhYzQxYjdhMWI5NzZjOTIwODcxN2RiliwidXNlcl9pZCI6MX0.MQAxp02ueJv8vKOLFsz2-EJK0IqZm5t2yWjX-CSQnUA"
d {
  "name": "produ",
  "description": "This is an updated description1",
  "quantity": 600
}
```

**Response:**

```
{
  "id": 4,
  "name": "produ",
  "description": "This is an updated description1",
  "quantity": 600
}
```

PUT

http://127.0.0.1:8000/update\_item/4/

Send

Params

Authorization

Headers (10)

Body

Scripts

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

Beautyfy

```
1 {
2   "name": "produ",
3   "description": "This is an updated description1",
4   "quantity": 600
5 }
6
```

Body

Cookies

Headers (10)

Test Results

200 OK

87 ms

394 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "id": 4,
3   "name": "produ",
4   "description": "This is an updated description1",
5   "quantity": 600
6 }
```

## Delete Item:

**Method:** DELETE

-H "Content-Type: application/json"

-H "Authorization: **JWT**

eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1b290eXBlljoiYWNjZXRzZlwiZXhwIjoxNzI5MTQ1NjkwLCJpYXQiOiE3MjkxNDUzOTAsImpp0aSI6IjRmZDQxNmI0YTdhYzQxYjdhMWI5NzZjOTIwODcxN2RiliwidXNlcl9pZCI6MX0.MQAxpo2ueJv8vKOLFsz2-EJK0lqZm5t2yWjX-CSQnUA"

## Response:

```
{
  "message": "Item deleted successfully"
}
```

The screenshot displays a REST client interface with the following components:

- Request Bar:** Method: DELETE, URL: http://127.0.0.1:8000/delete/2/
- Headers:** 8 headers are listed, including Content-Type: application/json and Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2t1b290eXBlljoiYWNjZXRzZlwiZXhwIjoxNzI5MTQ1NjkwLCJpYXQiOiE3MjkxNDUzOTAsImpp0aSI6IjRmZDQxNmI0YTdhYzQxYjdhMWI5NzZjOTIwODcxN2RiliwidXNlcl9pZCI6MX0.MQAxpo2ueJv8vKOLFsz2-EJK0lqZm5t2yWjX-CSQnUA.
- Response:** 204 No Content, 76 ms, 358 B.
- Body:** The response body is displayed in JSON format: {"message": "Item deleted successfully"}.