

Onkar Kiran Valla's Workspace

POST http://localhost:9000/auth/register

```
1 {
2   "username": "onkar",
3   "password": "123456",
4   "role": "admin"
5 }
```

Body Cookies Headers (8) Test Results

200 OK 325 ms 352 B Save Response

```
1 {
2   "status": "success",
3   "userId": 3
4 }
```

Onkar Kiran Valla's Workspace

POST http://localhost:9000/auth/login

```
1 {
2   "username": "onkar",
3   "password": "123456"
4 }
```

Body Cookies Headers (8) Test Results

200 OK 640 ms 568 B Save Response

```
1 {
2   "status": "success",
3   "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiIxMjM1NCiwiYXNlcCI6ImVxdWluW1nbXQtc31zdGVtIiwidXNlciI6ImVxdWluW1nbXQtc31zdGVtIiwiZXhwIjoxNzY0TEQzMzE1LCJpYXQiOjE3NjM5MTA3MTw9.AIAAX1Nv4J5FB-Rne61-yc1BCQ6KyjUIG3jBRKTWhM",
4   "username": "onkar",
5   "role": "admin"
6 }
```

The screenshot shows the Postman application interface. On the left, the sidebar displays 'Onkar Kiran Valla's Workspace' with sections for Collections, Environments, History, Flows, and Files (BETA). The main area shows a collection named 'My Collection' with a 'POST New Request' and a 'POST http://localhost:9000/employees' entry. The 'POST http://localhost:9000/employees' request is selected, showing its details in the central panel. The request method is 'POST' to 'http://localhost:9000/employees'. The 'Body' tab is active, showing raw JSON input:

```
1 {
2   "name": "John Doe",
3   "department": "IT",
4   "email": "john@example.com"
5 }
```

The response panel below shows a 200 OK status with a response time of 873 ms and a size of 348 B. The response body is:

```
1 {
2   "status": "success",
3   "id": 2
4 }
```

This screenshot is identical to the one above, showing the same workspace, collection, and request details. The request body and response are also identical, indicating a successful test run.

Home Workspaces API Network

Onkar Kiran Valla's Workspace

Overview My Collection POST New Request GET http://localhost:9000/employees

POST http://localhost:9000/equipment

Body (9) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "name": "Dell Laptop",
3   "type": "Laptop",
4   "status": "Available",
5   "conditionNotes": "Brand new"
6 }
7
```

Body Cookies Headers (8) Test Results

200 OK 330 ms 348 B

{ JSON Preview Visualize

```
1 {
2   "status": "success",
3   "id": 3
4 }
```

Cloud View Find and replace Console Terminal

Runner Start Proxy Cookies Vault Trash

Home Workspaces API Network

Onkar Kiran Valla's Workspace

Overview My Collection POST New Request GET http://localhost:9000/employees POST http://localhost:9000/equipment

GET http://localhost:9000/equipment

Params Authorization Headers (9) Body Scripts Settings

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (8) Test Results

200 OK 529 ms 593 B

{ JSON Preview Visualize

```
1 [
2   {
3     "id": 1,
4     "name": "Dell Inspiron 3511",
5     "type": "Laptop",
6     "status": "available",
7     "conditionNotes": "Brand new"
8   },
9   {
10     "id": 2,
11     "name": "Dell Inspiron 6657",
12     "type": "Laptop",
13     "status": "in-use"
14   },
15 ]
```

Cloud View Find and replace Console Terminal

Runner Start Proxy Cookies Vault Trash

← → Home Workspaces API Network

Search Postman

Onkar Kiran Valla's Workspace

New Import

Overview My Collection POST New Request GET http://localhost: GET http://localhost: GET http://localhost: + No environment

HTTP http://localhost:9000/equipment/2

GET http://localhost:9000/equipment/2

Docs Params Authorization Headers (9) Body Scripts Settings Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body Cookies Headers (8) Test Results

200 OK 192 ms 391 B

{ JSON Preview Visualize

```
1 {  
2   "id": 2,  
3   "name": "Dell Inspiron 6657",  
4   "type": "laptop",  
5   "status": "in-use"  
6 }
```

Cloud View Find and replace Console Terminal

Runner Start Proxy Cookies Vault Trash

Files BETA

← → Home Workspaces API Network

Search Postman

Onkar Kiran Valla's Workspace

New Import

Overview My Collection POST New Request GET http://localhost: GET http://localhost: PUT http://localhost: + No environment

HTTP http://localhost:9000/equipment/3/status

PUT http://localhost:9000/equipment/3/status

Docs Params Authorization Headers (9) Body Scripts Settings Cookies

Body none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {  
2   "status": "Damaged",  
3   "conditionNotes": "Screen broken"  
4 }
```

Body Cookies Headers (8) Test Results

200 OK 254 ms 383 B

{ JSON Preview Visualize

```
1 {  
2   "status": "updated",  
3   "id": 3,  
4   "newStatus": "Damaged",  
5   "notes": null  
6 }
```

Cloud View Find and replace Console Terminal

Runner Start Proxy Cookies Vault Trash

Files BETA

← → Home Workspaces API Network

Search Postman

Onkar Kiran Valla's Workspace

New Import

Overview My Collection [CONFLICT] POST ↗ ● GET http://localhost: POST http://localhost: + No environment

Collections Environments History Flows

+

Search collections

My Collection

POST New Request

GET http://localhost:9000/employees
GET http://localhost:9000/equipment
POST http://localhost:9000/allocation

HTTP My Collection / http://localhost:9000/allocation

POST http://localhost:9000/allocation

Docs Params Authorization Headers (9) Body Scripts Settings Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body Cookies Headers (8) Test Results

200 OK 1.21 s 350 B Save Response

{ JSON Preview Visualize

```
1 {  
2   "status": "allocated",  
3   "id": 3  
4 }
```

Cloud View Find and replace Console Terminal

Runner Start Proxy Cookies Vault Trash

← → Home Workspaces API Network

Search Postman

Onkar Kiran Valla's Workspace

New Import

Overview My Collection [CONFLICT] POST ↗ ● GET http://localhost: POST http://localhost: + No environment

Collections Environments History Flows

+

Search collections

My Collection

POST New Request

GET http://localhost:9000/employees
GET http://localhost:9000/equipment
POST http://localhost:9000/allocation

HTTP My Collection / http://localhost:9000/allocation

POST http://localhost:9000/allocation

Docs Params Authorization Headers (9) Body Scripts Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Schema Beautify

Body Cookies Headers (8) Test Results

200 OK 1.61 s 350 B Save Response

{ JSON Preview Visualize

```
1 {  
2   "employeeId": 2,  
3   "equipmentId": 3,  
4   "allocationDate": "2025-11-23T10:00:00",  
5   "expectedReturnDate": "2025-12-01T10:00:00"  
6 }
```

Cloud View Find and replace Console Terminal

Runner Start Proxy Cookies Vault Trash

```
[mysql]> show tables;
+-----+
| Tables_in_onkar_2 |
+-----+
| employees          |
| equipment          |
| equipment_allocation |
| users               |
+-----+
4 rows in set (0.072 sec)
```

```
[mysql]> desc employees;
+-----+
| Field      | Type       | Null | Key | Default           | Extra           |
+-----+
| id         | bigint     | NO   | PRI  | NULL              | auto_increment |
| name        | varchar(150) | NO   |      | NULL              |
| department  | varchar(150) | NO   |      | NULL              |
| email       | varchar(150) | NO   | UNI  | NULL              |
| created_at  | timestamp   | YES  |      | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
+-----+
5 rows in set (0.055 sec)
```

```
[mysql]> desc equipment;
+-----+
| Field      | Type       | Null | Key | Default           | Extra           |
+-----+
| id         | bigint     | NO   | PRI  | NULL              | auto_increment |
| name        | varchar(150) | NO   |      | NULL              |
| type        | varchar(100)  | NO   |      | NULL              |
| status      | varchar(50)   | NO   |      | available         |
| condition_notes | text      | YES  |      | NULL              |
| created_at  | timestamp   | YES  |      | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
+-----+
6 rows in set (0.047 sec)
```

```
[mysql]> desc equipment_allocation;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id | bigint | NO | PRI | NULL | auto_increment |
| employee_id | bigint | NO | MUL | NULL |
| equipment_id | bigint | NO | MUL | NULL |
| allocation_date | datetime | NO | | NULL |
| expected_return_date | datetime | NO | | NULL |
| actual_return_date | datetime | YES | | NULL |
| returned_condition | text | YES | | NULL |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.043 sec)
```

```
[mysql]> desc users;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| id | bigint | NO | PRI | NULL | auto_increment |
| username | varchar(100) | NO | UNI | NULL |
| hashed_password | varchar(255) | NO | | NULL |
| role | varchar(50) | NO | | NULL |
| created_at | timestamp | YES | | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
+-----+-----+-----+-----+-----+
5 rows in set (0.049 sec)
```

```
[mysql]> select * from employees;
+----+-----+-----+-----+-----+
| id | name | department | email | created_at |
+----+-----+-----+-----+-----+
| 1 | John Updated | Operations | john.updated@example.com | 2025-11-22 12:06:17 |
| 2 | John Doe | IT | john@example.com | 2025-11-23 15:15:40 |
+----+-----+-----+-----+-----+
2 rows in set (0.055 sec)
```

```
[mysql]> select * from equipment;
+----+-----+-----+-----+-----+
| id | name | type | status | condition_notes | created_at |
+----+-----+-----+-----+-----+
| 1 | Dell Inspiron 3511 | Laptop | available | Brand new | 2025-11-22 12:08:08 |
| 2 | Dell Inspiron 6657 | Laptop | in-use | NULL | 2025-11-22 12:09:35 |
| 3 | Dell Laptop | Laptop | Damaged | NULL | 2025-11-23 15:25:59 |
+----+-----+-----+-----+-----+
3 rows in set (0.050 sec)
```

```
[mysql]> select * from equipment_allocation;
+----+-----+-----+-----+-----+-----+-----+
| id | employee_id | equipment_id | allocation_date | expected_return_date | actual_return_date | returned_condition |
+----+-----+-----+-----+-----+-----+-----+
| 1 | 1 | 2 | 2025-01-20 10:00:00 | 2025-01-25 18:00:00 | 2025-11-22 17:45:28 | NULL |
| 2 | 1 | 2 | 2025-01-20 10:00:00 | 2025-01-25 18:00:00 | NULL | NULL |
| 3 | 2 | 1 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | NULL |
| 5 | 2 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | 2025-11-23 22:58:05 | NULL |
| 6 | 2 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | 2025-11-23 23:05:10 | NULL |
| 7 | 2 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | NULL |
| 8 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | 2025-11-24 00:52:29 | good |
| 9 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | NULL |
| 10 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | NULL |
| 11 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | NULL |
| 12 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | NULL |
| 13 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | NULL |
+----+-----+-----+-----+-----+-----+
12 rows in set (0.046 sec)
```

```
[mysql]> select * from equipment_allocation;
+----+-----+-----+-----+-----+-----+-----+
| id | employee_id | equipment_id | allocation_date | expected_return_date | actual_return_date | returned_condition |
+----+-----+-----+-----+-----+-----+-----+
| 1 | 1 | 2 | 2025-01-20 10:00:00 | 2025-01-25 18:00:00 | 2025-11-22 17:45:28 | BAD |
| 2 | 1 | 2 | 2025-01-20 10:00:00 | 2025-01-25 18:00:00 | NULL | GOOD |
| 3 | 2 | 1 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | GOOD |
| 5 | 2 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | 2025-11-23 22:58:05 | BAD |
| 6 | 2 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | 2025-11-23 23:05:10 | GOOD |
| 7 | 2 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | BAD |
| 8 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | 2025-11-24 00:52:29 | GOOD |
| 9 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | GOOD |
| 10 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | GOOD |
| 11 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | GOOD |
| 12 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | GOOD |
| 13 | 1 | 3 | 2025-11-23 10:00:00 | 2025-12-01 10:00:00 | NULL | BAD |
+----+-----+-----+-----+-----+-----+
12 rows in set (0.640 sec)
```

```
racit — java -Xmx512M -server -XX:+UseG1GC -XX:MaxGCPauseMillis=20 -XX:In  
  
Last login: Sat Nov 22 16:24:02 on ttys002  
racit@PTPLMRT11 ~ % kafka-console-consumer.sh \  
--bootstrap-server localhost:9092 \  
--topic equipment.allocated \  
--from-beginning  
  
{ "test": "allocation message" }  
{  
    "event":"allocated",  
    "allocationId":11,  
    "equipmentId":3,  
    "employeeId":1  
}  
{"event":"allocated",  
    "allocationId":12,  
    "equipmentId":3,  
    "employeeId":1  
}  
{"event":"allocated", "allocationId":13, "equipmentId":3, "employeeId":1}  
█
```

```
racit — java -Xmx512M -server -XX:+UseG1GC -XX:MaxGCPauseMillis=20 -XX:In  
Last login: Sat Nov 22 19:09:43 on ttys002  
racit@PTPLMRT11 ~ % kafka-console-consumer.sh \  
--bootstrap-server localhost:9092 \  
--topic equipment.returned \  
--from-beginning  
  
{"event":"returned","allocationId":8}  
{"event":"returned","allocationId":8}  
{"event":"returned","allocationId":8}  
{"event":"returned","allocationId":8,, "returnedCondition":None}  
{"event":"returned","allocationId":8,, "returnedCondition":Some(good)}  
{"event":"returned","allocationId":8,, "returnedCondition":Some(good)}  
{"event":"returned","allocationId":8,, "returnedCondition":Some(good)}  
{"event":"returned","allocationId":8,, "returnedCondition":Some(good)}  
{"event":"returned","allocationId":8,, "returnedCondition":Some(good)}  
{"event":"returned","allocationId":8,"returnedCondition":Some(good)}  
{"event":"returned","allocationId":8,"returnedCondition":Some(good)}  
{"event":"returned","allocationId":8,"returnedCondition":Some(good)}  
{"event":"returned","allocationId":8,"returnedCondition":JsDefined("good")}  
{"event":"returned","allocationId":8,"returnedCondition":good}  
{"event":"returned","allocationId":8,"returnedCondition":good}  
{"event":"returned","allocationId":8,"returnedCondition":good}  
{"event":"returned","allocationId":8,"returnedCondition":good}  
{"event":"returned","allocationId":8,"returnedCondition":good}  
{"event":"returned","allocationId":8,"returnedCondition":good}  
{"event":"returned","allocationId":8,"returnedCondition":good}  
{"event":"returned","allocationId":8,"returnedCondition":good}  
{"event":"returned","allocationId":8,"returnedCondition":good}
```

O

onkar.vallal.9@gmail.com

to me ▾

Equipment Some(3) allocated to Some(1)

Payload:

{"event":"allocated","allocationId":13,"equipmentId":3,"employeeId":1}

Reply

Forward



Equipment Returned Inbox x

0

onkar.vallal.9@gmail.com

to me ▾

Equipment None returned.

Condition: Some(good)

```
{"event":"returned","allocationId":8,"returnedCondition":"good"}
```

Reply

Forward

