

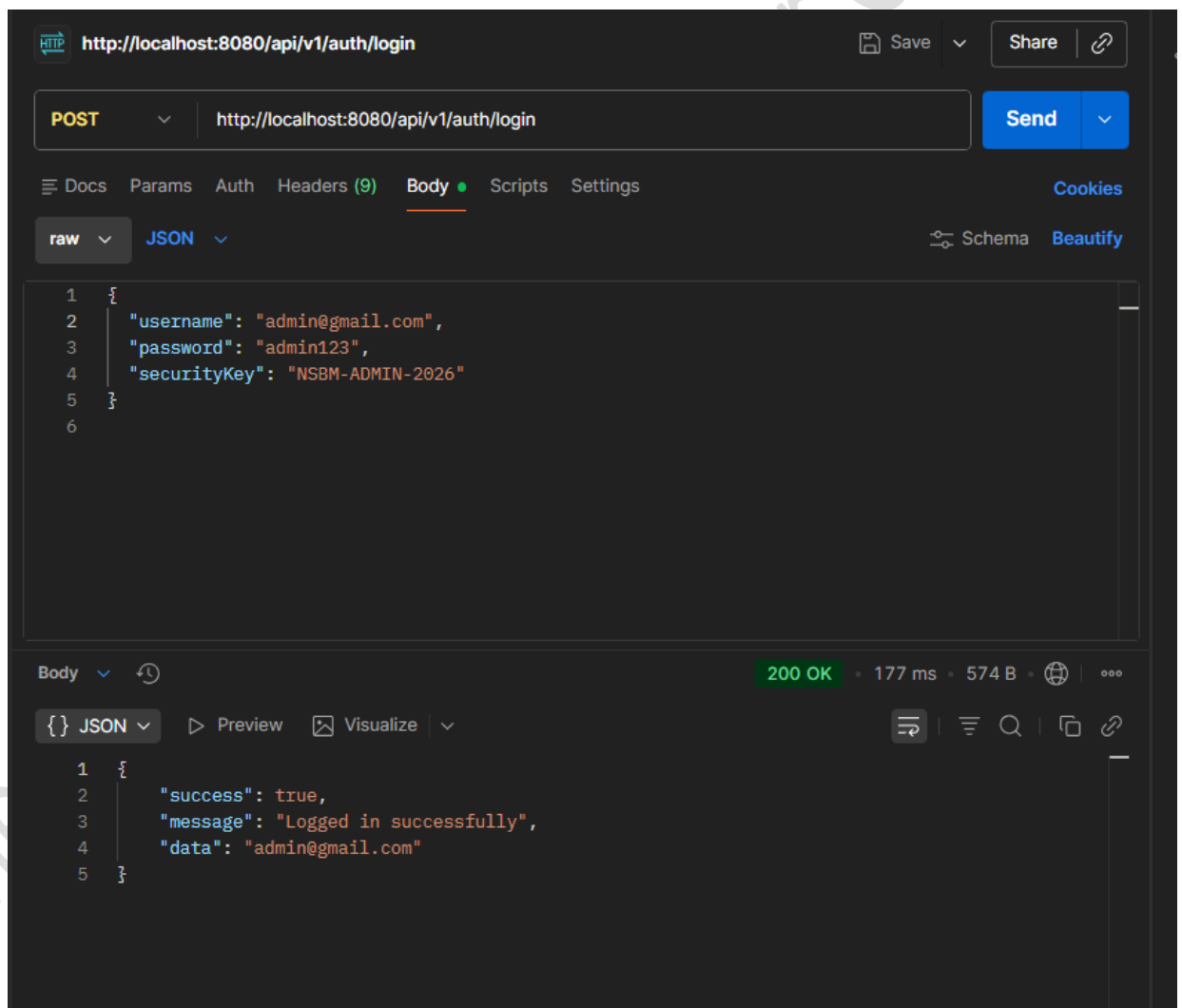
DEA I – Spring Boot Group Project

Group 22

Postman Backend Testing (Medicine Availability Tracker)

1.Admin Auth

1.1. Admin Login



HTTP <http://localhost:8080/api/v1/auth/login> Save Share

POST <http://localhost:8080/api/v1/auth/login> Send

Docs Params Auth Headers (9) Body Scripts Settings Cookies

raw JSON Schema Beautify

```
1 {
2   "username": "admin@gmail.com",
3   "password": "admin123",
4   "securityKey": "NSBM-ADMIN-2026"
5 }
6
```

Cookies 200 OK • 177 ms • 574 B •

Name	Value	Domain	Path	Expires	HttpOnly	Secure
JSESSIONID	7263BBC7E3...	localhost	/	Session	true	false

1.2. Admin me (Check logged in)

HTTP <http://localhost:8080/api/v1/auth/me> Save Share

GET <http://localhost:8080/api/v1/auth/me> Send

Docs Params Auth Headers (9) Body Scripts Settings Cookies

raw JSON Schema Beautify

```
1 {
2   "username": "admin@gmail.com",
3   "password": "admin123",
4   "securityKey": "NSBM-ADMIN-2026"
5 }
6
```

Body 200 OK • 6 ms • 479 B •

{ } JSON Preview Visualize

```
1 {
2   "success": true,
3   "message": "OK",
4   "data": "admin@gmail.com"
5 }
```

1.3. Admin Logout

The screenshot displays a REST client interface for a POST request to `http://localhost:8080/api/v1/auth/logout`. The request body is a JSON object containing login credentials and a security key. The response is a 200 OK status with a success message and null data.

Request:

```
1 {
2   "username": "admin@gmail.com",
3   "password": "admin123",
4   "securityKey": "NSBM-ADMIN-2026"
5 }
```

Response:

```
1 {
2   "success": true,
3   "message": "Logged out",
4   "data": null
5 }
```

Response Details: 200 OK • 13 ms • 474 B • [Globe Icon] • [More Icon]

2. Pharmacy Register (Public)

2.1. Registe Pharmacy

The screenshot displays a REST client interface with a POST request to `http://localhost:8080/api/v1/pharmacies/register`. The request body is a JSON object containing pharmacy registration details. The response is a 200 OK status with a JSON body indicating success.

Request:

```
POST http://localhost:8080/api/v1/pharmacies/register

{
  "legalEntityName": "Green Valley Healthcare (Pvt) Ltd",
  "tradeName": "Green Valley Pharmacy",
  "nmraLicense": "NMRA-LIC-2026-5501",
  "businessRegNo": "BR-2026-88021",
  "addressInSrilanka": "No 45, Main Street, Maharagama",
  "telephone": "0714567890",
  "email": "greenvalley.pharmacy@gmail.com",
  "entityType": "Retail Pharmacy",
  "contactFullName": "Ravindu Perera",
  "contactTitle": "Pharmacy Manager",
  "contactPhone": "0779876543",
  "contactEmail": "ravindu.perera@gmail.com",
  "declarationDate": "2026-02-15",
  "agreedToDeclaration": true
}
```

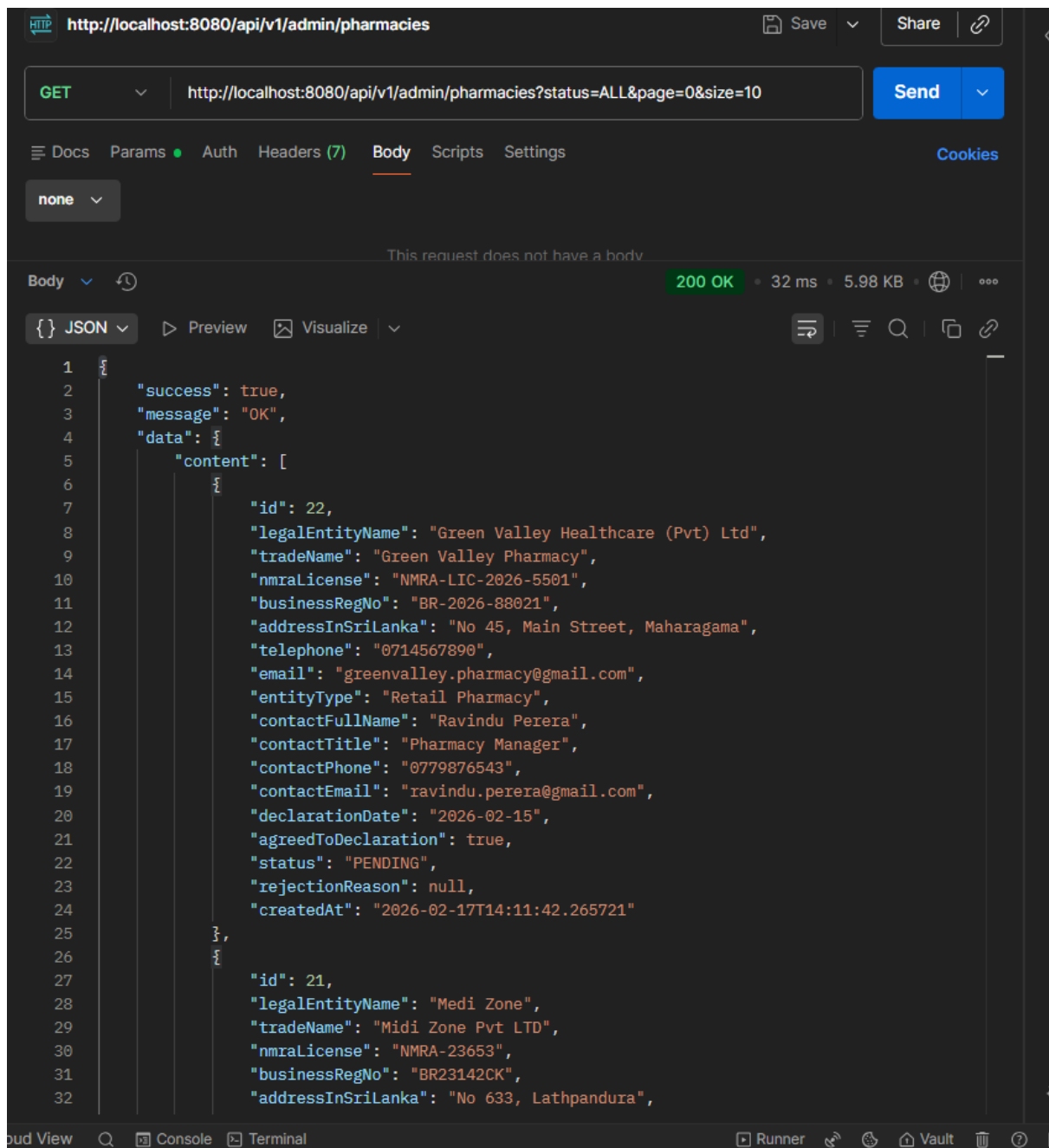
Response:

```
200 OK • 67 ms • 511 B • [Globe Icon]

{
  "success": true,
  "message": "Pharmacy details submitted successfully (PENDING)",
  "data": 22
}
```

3.Admin Pharmacy Management

3.1. List Pharmacies



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

- URL:** `http://localhost:8080/api/v1/admin/pharmacies`
- Method:** `GET`
- Query Parameters:** `?status=ALL&page=0&size=10`
- Status:** `200 OK`
- Response Body (JSON):**

```
{
  "success": true,
  "message": "OK",
  "data": {
    "content": [
      {
        "id": 22,
        "legalEntityName": "Green Valley Healthcare (Pvt) Ltd",
        "tradeName": "Green Valley Pharmacy",
        "nmraLicense": "NMRA-LIC-2026-5501",
        "businessRegNo": "BR-2026-88021",
        "addressInSriLanka": "No 45, Main Street, Maharagama",
        "telephone": "0714567890",
        "email": "greenvalley.pharmacy@gmail.com",
        "entityType": "Retail Pharmacy",
        "contactFullName": "Ravindu Perera",
        "contactTitle": "Pharmacy Manager",
        "contactPhone": "0779876543",
        "contactEmail": "ravindu.perera@gmail.com",
        "declarationDate": "2026-02-15",
        "agreedToDeclaration": true,
        "status": "PENDING",
        "rejectionReason": null,
        "createdAt": "2026-02-17T14:11:42.265721"
      },
      {
        "id": 21,
        "legalEntityName": "Medi Zone",
        "tradeName": "Midi Zone Pvt LTD",
        "nmraLicense": "NMRA-23653",
        "businessRegNo": "BR23142CK",
        "addressInSriLanka": "No 633, Lathpandura",

```

3.2. Approve Pharmacy (Create setup link)

The screenshot shows a REST client interface with the URL `http://localhost:8080/api/v1/admin/pharmacies/22/approve`. The method is set to `PATCH`. The response status is `200 OK` with a response time of `132 ms` and a body size of `736 B`. The response body is in JSON format:

```
{
  "success": true,
  "message": "Pharmacy approved. Share this setup link with the pharmacy to set their password.",
  "data": {
    "username": "greenvalley.pharmacy@gmail.com",
    "setupLink": "http://localhost:3000/pharmacy/set-password?token=xPJrt-5uxooQGqmxIW4C6dRAnuScj3dwz7Qv8gjYWys",
    "expiresAt": "2026-02-17T15:27:49.1081063"
  }
}
```

3.3. Reject Pharmacy

The screenshot shows a REST client interface with the URL `http://localhost:8080/api/v1/admin/pharmacies/23/reject`. The method is set to `PATCH`. The response status is `200 OK` with a response time of `79 ms` and a body size of `482 B`. The response body is in JSON format:

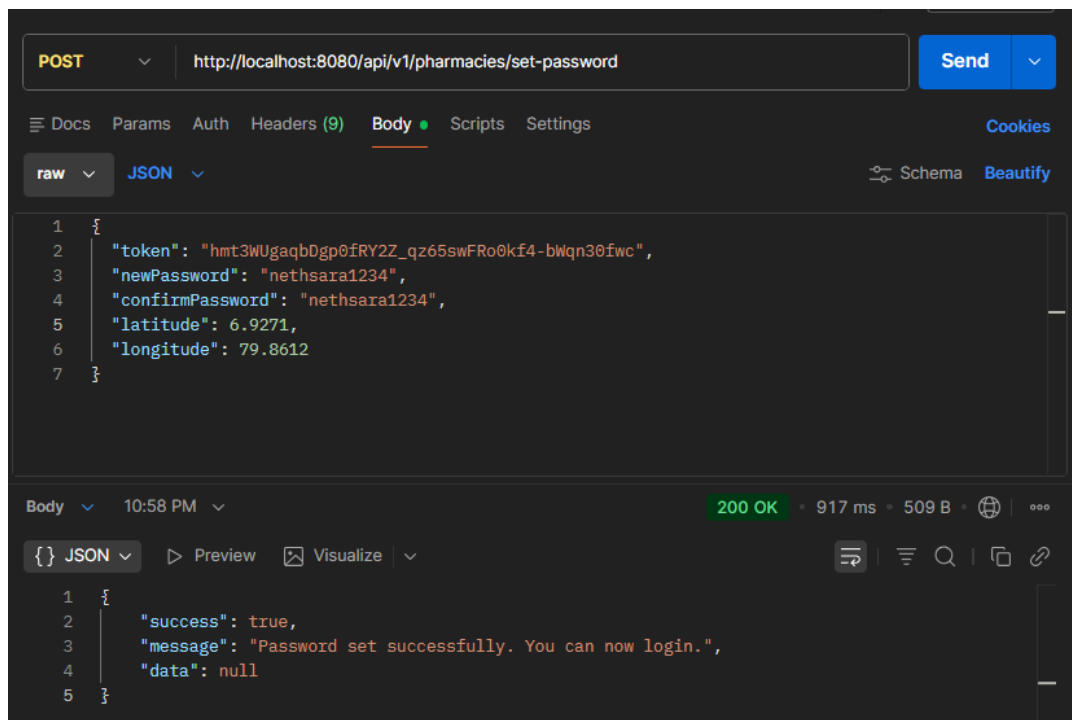
```
{
  "reason": "Invalid documents"
}
```

The client also shows a secondary JSON view of the response body:

```
{
  "success": true,
  "message": "Pharmacy rejected.",
  "data": null
}
```

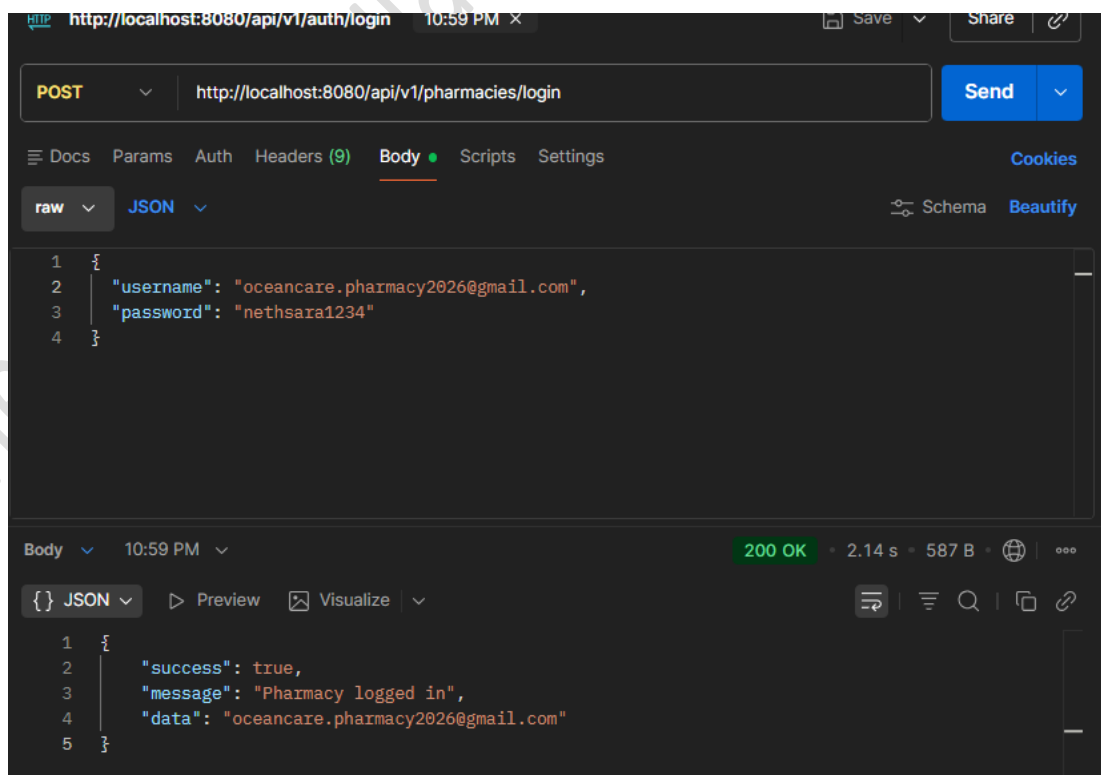
4. Pharmacy Set Password (Using token from approve response)

4.1. Setup Password + Pin Location (Required)



5. Pharmacy Login (Session)

5.1. Pharmacy login



5.2. Pharmacy me (See Profile)

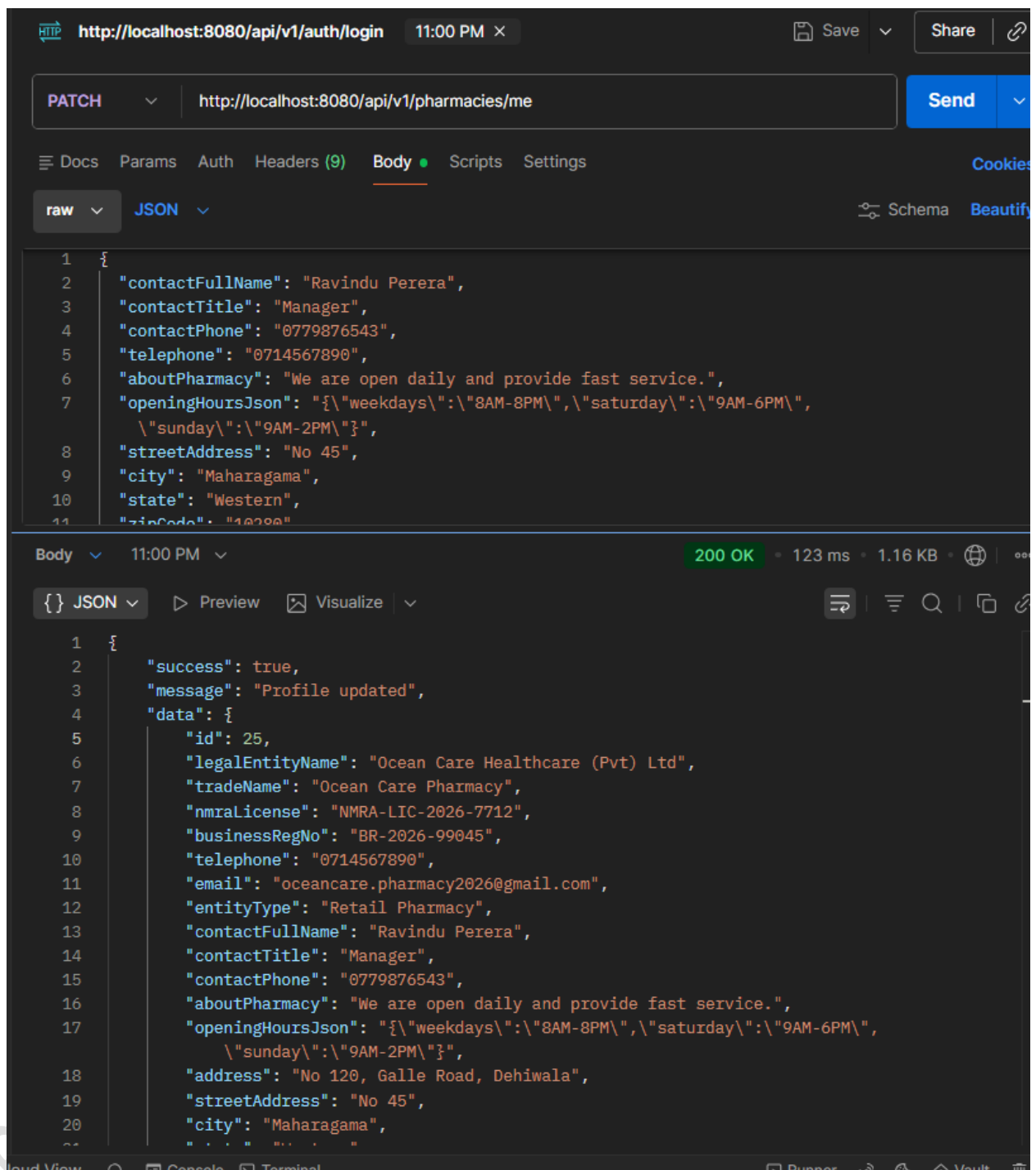
The screenshot shows a REST client interface with the following details:

- URL:** `http://localhost:8080/api/v1/auth/login` (tab) and `http://localhost:8080/api/v1/pharmacies/me` (active).
- Method:** `GET`.
- Body (Request):**

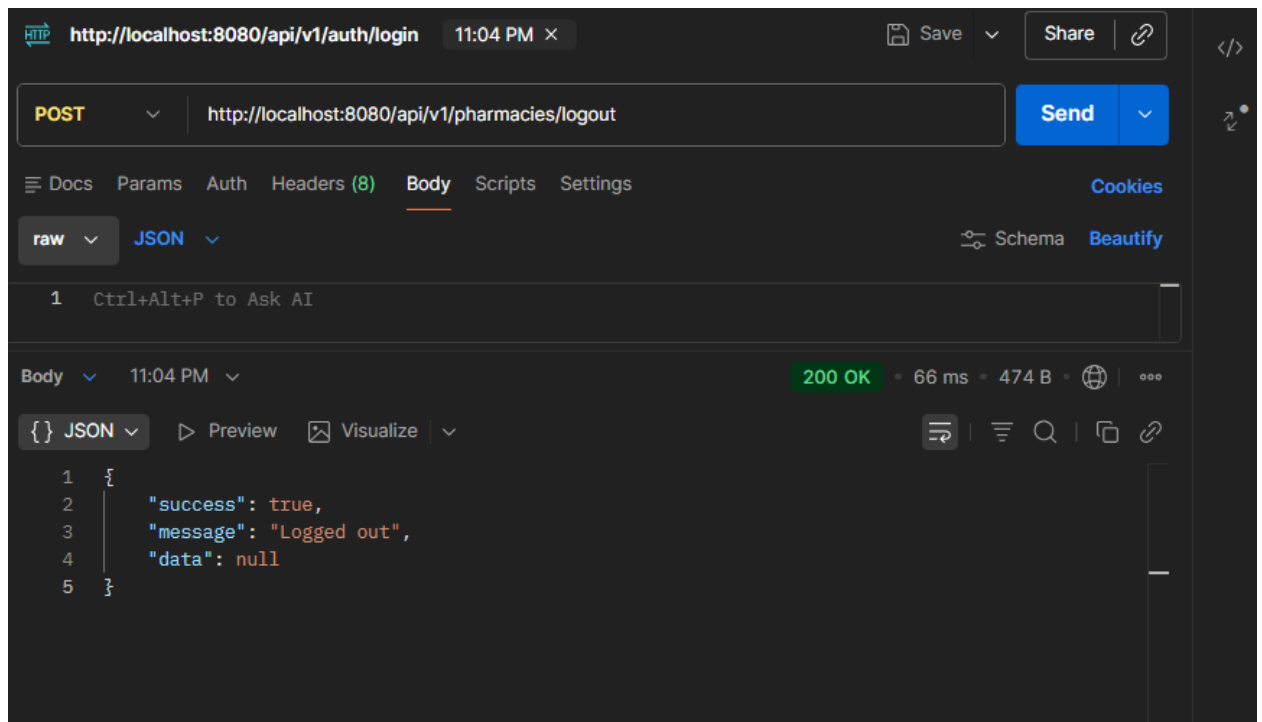
```
1 {
2   "username": "oceancare.pharmacy2026@gmail.com",
3   "password": "nethsara1234"
4 }
```
- Status:** `200 OK` (72 ms, 1.02 KB).
- Body (Response):**

```
1 {
2   "success": true,
3   "message": "OK",
4   "data": {
5     "id": 25,
6     "legalEntityName": "Ocean Care Healthcare (Pvt) Ltd",
7     "tradeName": "Ocean Care Pharmacy",
8     "nmraLicense": "NMRA-LIC-2026-7712",
9     "businessRegNo": "BR-2026-99045",
10    "telephone": "0776543210",
11    "email": "oceancare.pharmacy2026@gmail.com",
12    "entityType": "Retail Pharmacy",
13    "contactFullName": "Nimal Fernando",
14    "contactTitle": "Chief Pharmacist",
15    "contactPhone": "0712233445",
16    "aboutPharmacy": null,
17    "openingHoursJson": null,
18    "address": "No 120, Galle Road, Dehiwala",
19    "streetAddress": null,
20    "city": null,
21    "state": null,
22    "zipCode": null,
23    "country": null,
24    "latitude": 6.9271,
25    "longitude": 79.8612,
26    "status": "APPROVED"
27  }
28 }
```

5.3. Update Profile me (Profile and Location fields)

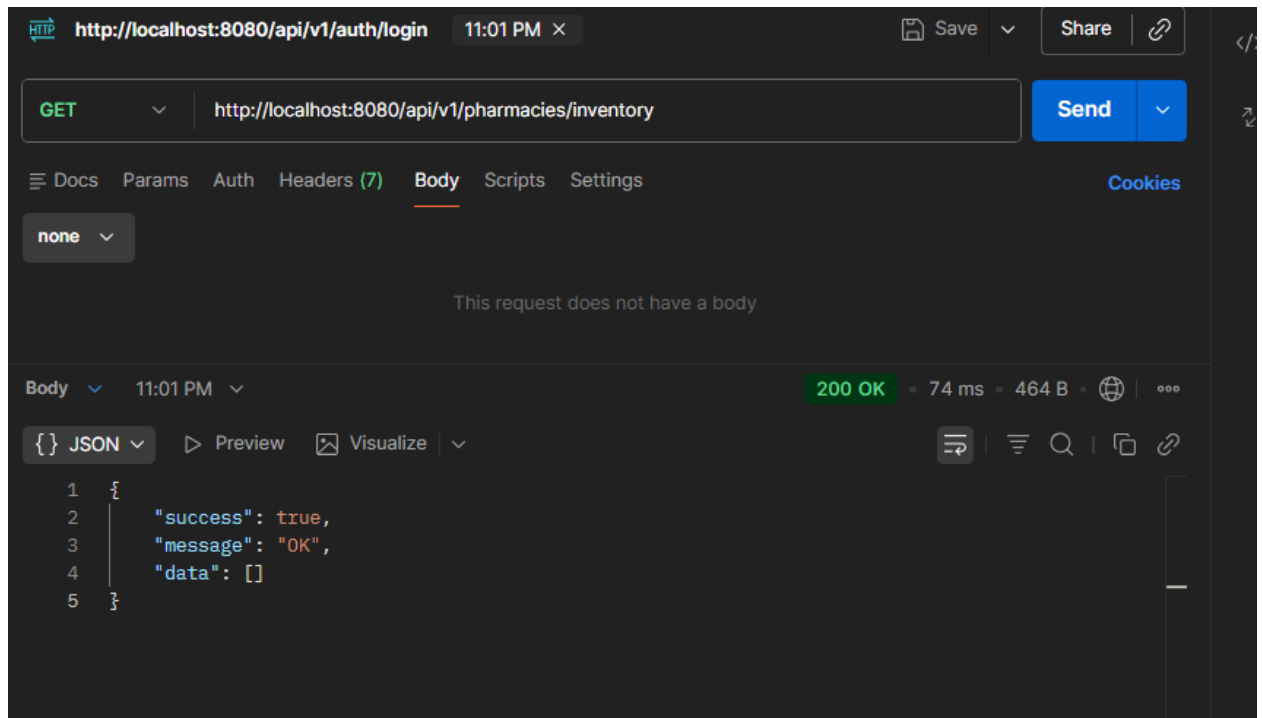


5.4. Pharmacy Logout

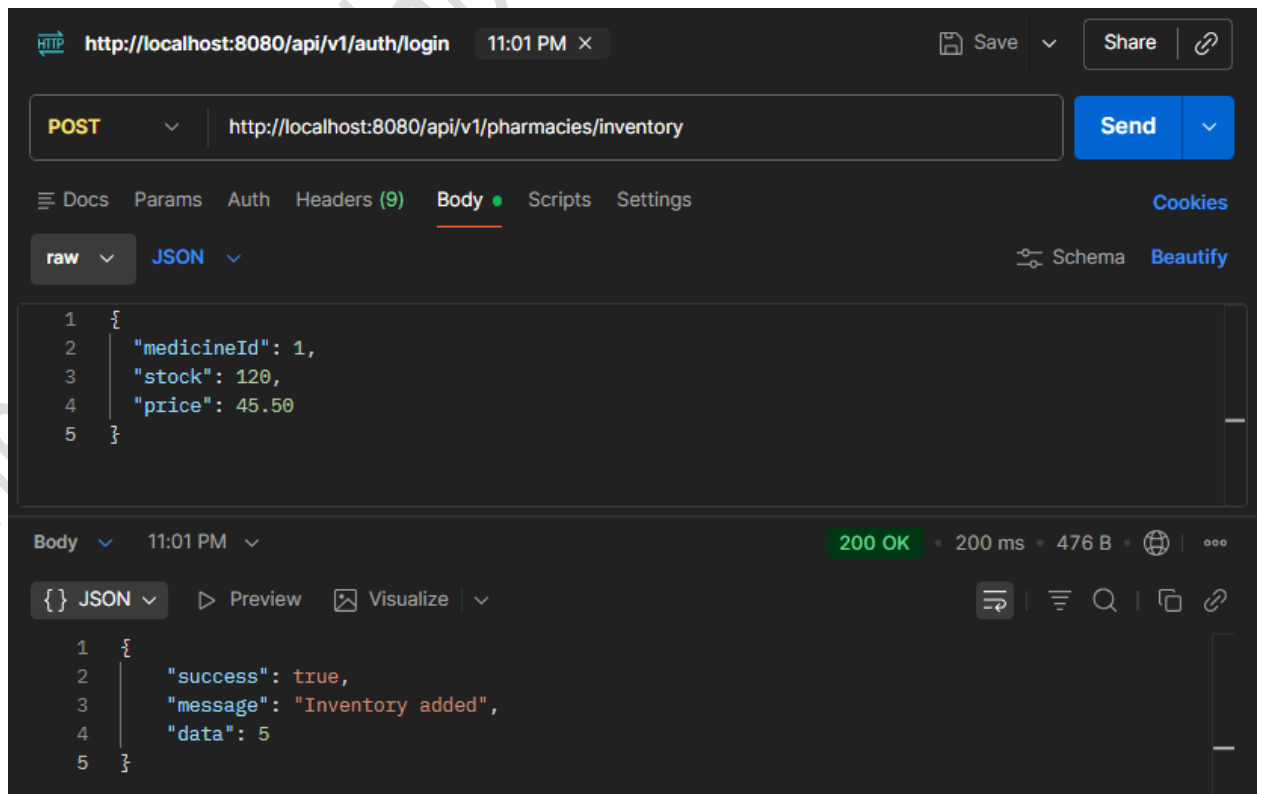


6. Pharmacy Inventory (Must be logged in as pharmacy)

6.1. Inventory List



6.2. Add Inventory Item



6.3. Update Inventory Item

The screenshot shows a REST client interface with a PUT request to `http://localhost:8080/api/v1/pharmacies/inventory/5`. The request body is a JSON object: `{ "medicineId": 1, "stock": 80, "price": 50.00 }`. The response is a 200 OK status with a response time of 87 ms and a body size of 481 B. The response body is a JSON object: `{ "success": true, "message": "Inventory updated", "data": null }`.

```
PUT http://localhost:8080/api/v1/pharmacies/inventory/5
```

```
{
  "medicineId": 1,
  "stock": 80,
  "price": 50.00
}
```

200 OK • 87 ms • 481 B

```
{
  "success": true,
  "message": "Inventory updated",
  "data": null
}
```

6.4. Delete Inventory Item

The screenshot shows a REST client interface with a DELETE request to `http://localhost:8080/api/v1/pharmacies/inventory/5`. The response is a 200 OK status with a response time of 225 ms and a body size of 471 B. The response body is a JSON object: `{ "success": true, "message": "Deleted", "data": null }`.

```
DELETE http://localhost:8080/api/v1/pharmacies/inventory/5
```

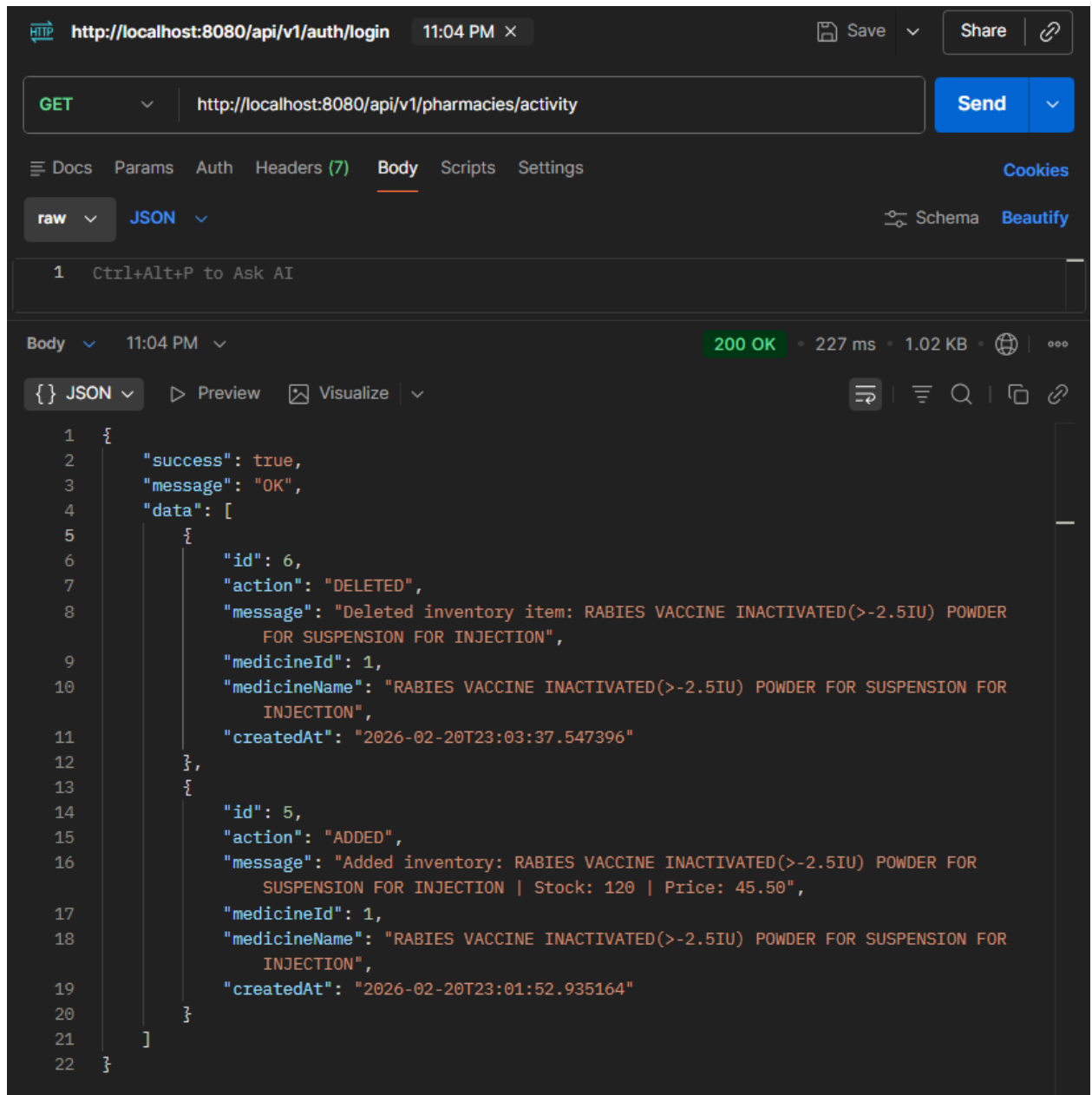
Ctrl+Alt+P to Ask AI

200 OK • 225 ms • 471 B

```
{
  "success": true,
  "message": "Deleted",
  "data": null
}
```

7. Pharmacy Activity Log (Must be logged in as pharmacy)

7.1. Latest 20 activity rows



The screenshot shows a REST client interface with a GET request to `http://localhost:8080/api/v1/pharmacies/activity`. The response is a 200 OK status with a JSON body containing two activity records.

Request: GET `http://localhost:8080/api/v1/pharmacies/activity`

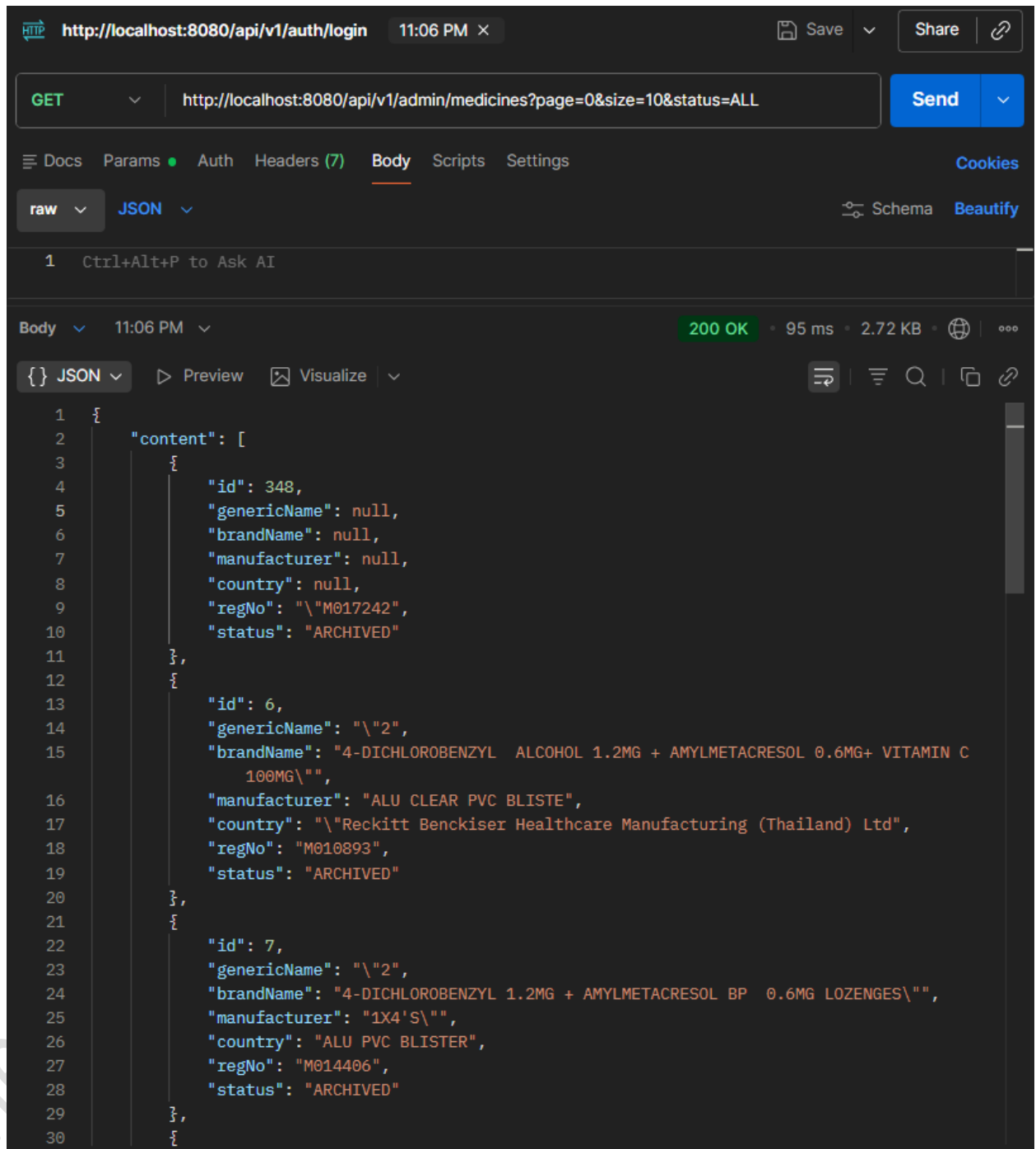
Response: 200 OK • 227 ms • 1.02 KB

JSON Body:

```
{
  "success": true,
  "message": "OK",
  "data": [
    {
      "id": 6,
      "action": "DELETED",
      "message": "Deleted inventory item: RABIES VACCINE INACTIVATED(>-2.5IU) POWDER FOR SUSPENSION FOR INJECTION",
      "medicineId": 1,
      "medicineName": "RABIES VACCINE INACTIVATED(>-2.5IU) POWDER FOR SUSPENSION FOR INJECTION",
      "createdAt": "2026-02-20T23:03:37.547396"
    },
    {
      "id": 5,
      "action": "ADDED",
      "message": "Added inventory: RABIES VACCINE INACTIVATED(>-2.5IU) POWDER FOR SUSPENSION FOR INJECTION | Stock: 120 | Price: 45.50",
      "medicineId": 1,
      "medicineName": "RABIES VACCINE INACTIVATED(>-2.5IU) POWDER FOR SUSPENSION FOR INJECTION",
      "createdAt": "2026-02-20T23:01:52.935164"
    }
  ]
}
```

8.Admin Medicine Master (Must be logged in as admin)

8.1. List medicine with Filter



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

- URL:** `http://localhost:8080/api/v1/admin/medicines?page=0&size=10&status=ALL`
- Method:** GET
- Status:** 200 OK
- Response Time:** 95 ms
- Response Size:** 2.72 KB
- Response Format:** JSON

The response body is a JSON array of medicine objects, each with the following fields:

- `id`
- `genericName`
- `brandName`
- `manufacturer`
- `country`
- `regNo`
- `status`

The first object in the array is:

```
{
  "id": 348,
  "genericName": null,
  "brandName": null,
  "manufacturer": null,
  "country": null,
  "regNo": "\\M017242",
  "status": "ARCHIVED"
}
```

The second object is:

```
{
  "id": 6,
  "genericName": "\\2",
  "brandName": "4-DICHLOROBENZYL ALCOHOL 1.2MG + AMYLMETACRESOL 0.6MG+ VITAMIN C 100MG\\",
  "manufacturer": "ALU CLEAR PVC BLISTE",
  "country": "\\Reckitt Benckiser Healthcare Manufacturing (Thailand) Ltd",
  "regNo": "M010893",
  "status": "ARCHIVED"
}
```

The third object is:

```
{
  "id": 7,
  "genericName": "\\2",
  "brandName": "4-DICHLOROBENZYL 1.2MG + AMYLMETACRESOL BP 0.6MG LOZENGES\\",
  "manufacturer": "1X4'S\\",
  "country": "ALU PVC BLISTER",
  "regNo": "M014406",
  "status": "ARCHIVED"
}
```

8.2. Create Medicine

The screenshot shows a REST client interface with a POST request to `http://localhost:8080/api/v1/admin/medicines`. The request body is a JSON object representing a medicine. The response is a 200 OK status with a JSON body containing the created medicine's details.

```
POST http://localhost:8080/api/v1/admin/medicines
```

```
{
  "regNo": "REG-22001",
  "genericName": "Paracetamol",
  "brandName": "Panadol",
  "manufacturer": "GSK",
  "country": "Sri Lanka",
  "status": "ACTIVE"
}
```

Body 11:07 PM 200 OK • 68 ms • 565 B

```
{
  "id": 6352,
  "genericName": "Paracetamol",
  "brandName": "Panadol",
  "manufacturer": "GSK",
  "country": "Sri Lanka",
  "regNo": "REG-22001",
  "status": "ACTIVE"
}
```

8.3. Get one Medicine

The screenshot shows a REST client interface with a GET request to `http://localhost:8080/api/v1/admin/medicines/6351`. The response is a 200 OK status with a JSON body containing the details of the medicine with ID 6351.

```
GET http://localhost:8080/api/v1/admin/medicines/6351
```

Body 11:07 PM 200 OK • 51 ms • 618 B

```
{
  "id": 6351,
  "genericName": "ZOLEDRONIC ACID FOR INJECTION 4 MG",
  "brandName": "ZOLDRO",
  "manufacturer": "USP TY 1 GLS VIAL",
  "country": "United Biotech (P) Limited",
  "regNo": "M016259",
  "status": "ARCHIVED"
}
```

8.4. Update Medicine

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

- URL:** `http://localhost:8080/api/v1/admin/medicines/6352`
- Method:** `PUT`
- Body (JSON):**

```
{
  "regNo": "REG-22001",
  "genericName": "Paracetamol",
  "brandName": "Panadol Extra",
  "manufacturer": "GSK",
  "country": "Sri Lanka",
  "status": "ACTIVE"
}
```
- Response:** `200 OK` (228 ms, 571 B)
- Response Body (JSON):**

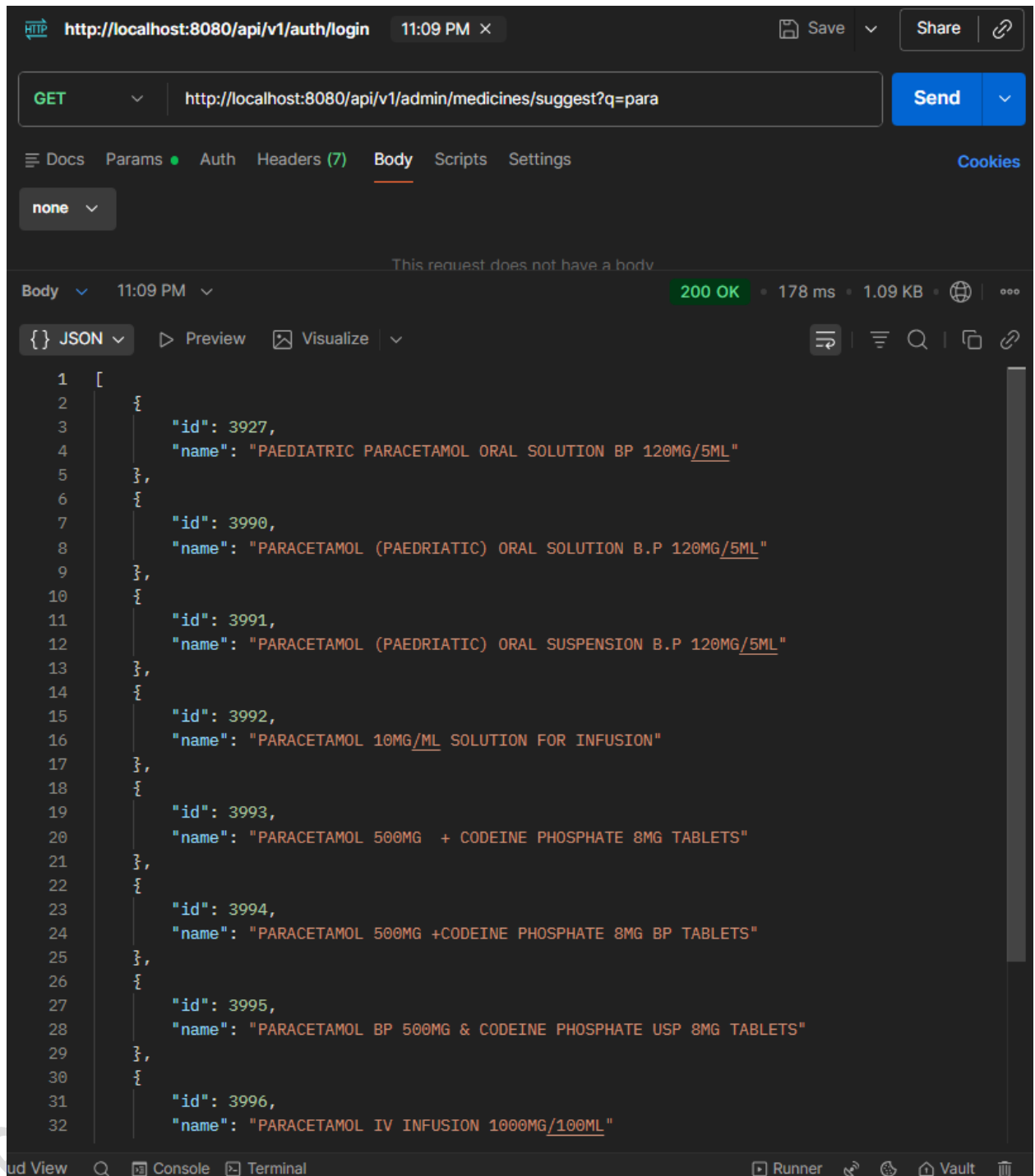
```
{
  "id": 6352,
  "genericName": "Paracetamol",
  "brandName": "Panadol Extra",
  "manufacturer": "GSK",
  "country": "Sri Lanka",
  "regNo": "REG-22001",
  "status": "ACTIVE"
}
```

8.5. Delete Medicine

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

- URL:** `http://localhost:8080/api/v1/admin/medicines/6351`
- Method:** `DELETE`
- Body:** `none` (This request does not have a body)
- Response:** `200 OK` (70 ms, 382 B)
- Response Body:** `1`

8.6. Suggest Medicine (admin)



The screenshot shows a REST client interface with a GET request to `http://localhost:8080/api/v1/admin/medicines/suggest?q=para`. The response is a 200 OK status with a response time of 178 ms and a body size of 1.09 KB. The response body is displayed in JSON format, showing a list of 8 medicine suggestions.

```
{
  "id": 3927,
  "name": "PAEDIATRIC PARACETAMOL ORAL SOLUTION BP 120MG/5ML"
},
{
  "id": 3990,
  "name": "PARACETAMOL (PAEDRIATIC) ORAL SOLUTION B.P 120MG/5ML"
},
{
  "id": 3991,
  "name": "PARACETAMOL (PAEDRIATIC) ORAL SUSPENSION B.P 120MG/5ML"
},
{
  "id": 3992,
  "name": "PARACETAMOL 10MG/ML SOLUTION FOR INFUSION"
},
{
  "id": 3993,
  "name": "PARACETAMOL 500MG + CODEINE PHOSPHATE 8MG TABLETS"
},
{
  "id": 3994,
  "name": "PARACETAMOL 500MG +CODEINE PHOSPHATE 8MG BP TABLETS"
},
{
  "id": 3995,
  "name": "PARACETAMOL BP 500MG & CODEINE PHOSPHATE USP 8MG TABLETS"
},
{
  "id": 3996,
  "name": "PARACETAMOL IV INFUSION 1000MG/100ML"
}
```

8.7. Filter Medicine List

8.7.1. Filter by Manufacture

HTTP <http://localhost:8080/api/v1/auth/login> 11:10 PM X Save Share

GET <http://localhost:8080/api/v1/admin/medicines/filters/manufacturers> Send

Docs Params Auth Headers (7) **Body** Scripts Settings Cookies

none

This request does not have a body.

Body 11:10 PM 200 OK • 160 ms • 32.61 KB

{ } JSON Preview Visualize

```
1 [
2   ".ALU PVC\"",
3   "\"",
4   "\"0.5MLX1'S\"",
5   "\"1 VIAL\"",
6   "\"10ML\"",
7   "\"10X50ML\"",
8   "\"10X5X10'S\"",
9   "\"1X2ML\"",
10  "\"200ML\"",
11  "\"250'\"",
12  "\"3 COMPONENTS\"",
13  "\"Aeon Formulation Pvt Ltd\"",
14  "\"AL PVC BLIS\"",
15  "\"AL PVC BLS\"",
16  "\"ALCON RESERCH LLC\"",
17  "\"ALU\"",
18  "\"ALU BLS\"",
19  "\"ALU STRIP\"",
20  "\"ALU ALU BLIS\"",
21  "\"ALU ALU BLISTER\"",
22  "\"ALU ALU BLS\"",
23  "\"ALU ALU STRIP\"",
24  "\"ALU BLISTER\"",
25  "\"ALU PVC\"",
26  "\"ALU PVC BLI\"",
27  "\"ALU PVC BLIS\"",
28  "\"ALU PVC BLIS.\"\"",
29  "\"ALU PVC BLIST\"",
30  "\"ALU PVC BLISTER\"",
31  "\"ALU PVC BLS\"",
32  "\"ALU PVC PVDC\""
```

View Console Terminal Runner Vault ?

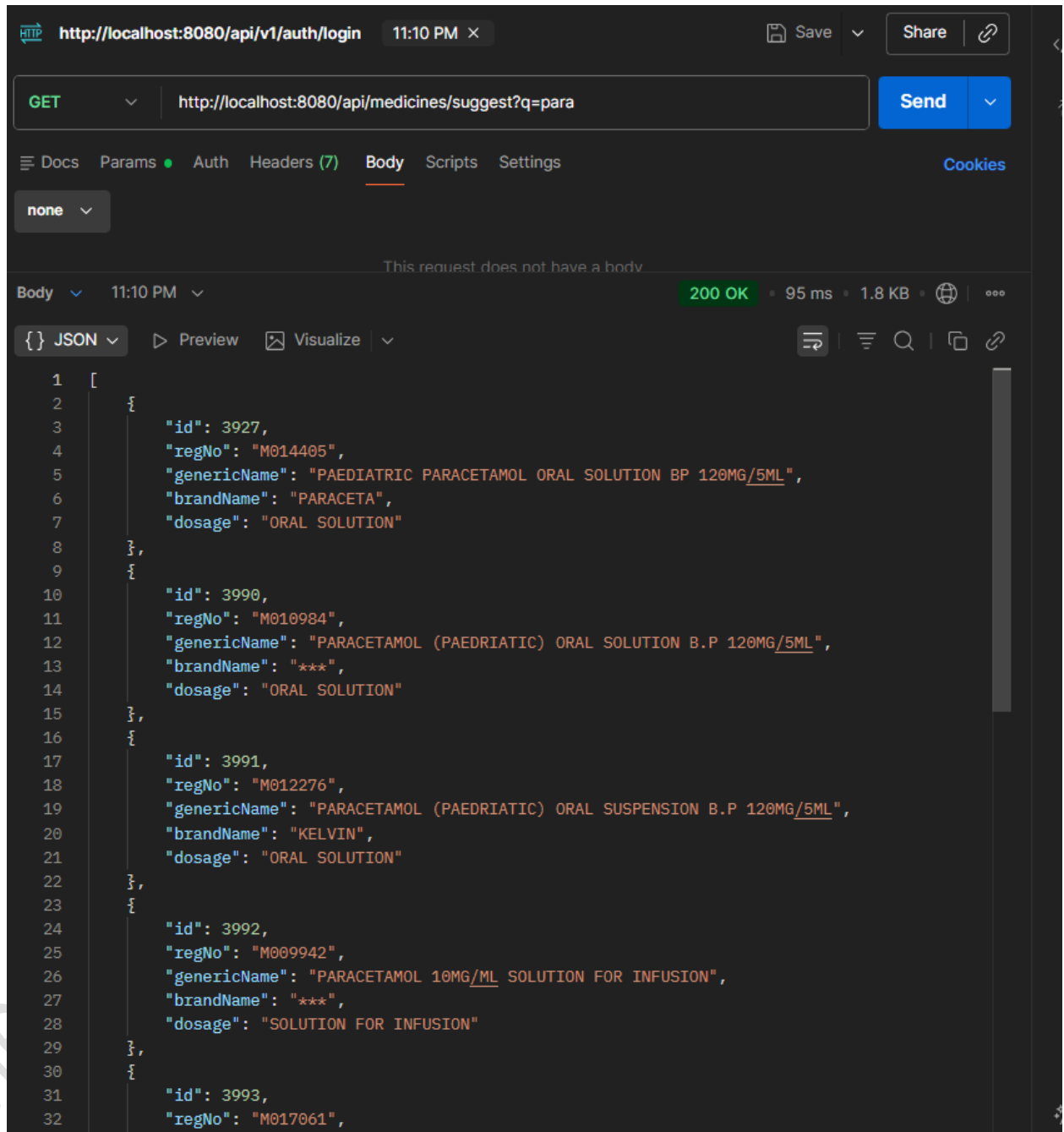
8.7.2. Filter by brand

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

- URL:** `http://localhost:8080/api/v1/auth/login` (11:10 PM)
- Method:** GET
- Path:** `http://localhost:8080/api/v1/admin/medicines/filters/brands`
- Status:** 200 OK (59 ms, 70.62 KB)
- Body:** JSON array of medicine names, including:
 - "ABASAGLAR SOLUTION FOR INJECTION",
 - "ABAVIR",
 - "ABEVMY",
 - "ABEVMY 400",
 - "ABHAYRAB",
 - "ABIRONE",
 - "ABRIN 7.5MG",
 - "ABRIN-5",
 - "ABYDIUM",
 - "ABZ",
 - "AC-100",
 - "ACAGEN",
 - "ACE 125",
 - "ACE 500",
 - "ACE CAM",
 - "ACEDOL",
 - "ACEFLEX",
 - "acelliar pertussis 25MCG HEPATITIS B RECOM 10MCG",
 - "ACELODON 100",
 - "ACEM 250",
 - "ACEMIDE 250",
 - "ACESTAT 10",
 - "ACESTAT 20",
 - "ACETAMIN",
 - "ACHAID",
 - "ACIFREE 0 SUSPENSION",
 - "ACIHERPIN",
 - "ACIHERPIN 200",
 - "ACIHERPIN 400",
 - "ACIHERPIN 800",
 - "ACILOC",
 - "ACTI OC 150".

9. Public Medicine Catalog (no login)

9.1. Suggest



The screenshot shows a web browser with a REST client interface. The address bar displays `http://localhost:8080/api/v1/auth/login`. The main area shows a GET request to `http://localhost:8080/api/medicines/suggest?q=para`. The response status is **200 OK** with a response time of 95 ms and a size of 1.8 KB. The response body is displayed in JSON format, showing a list of four medicine entries.

```
[
  {
    "id": 3927,
    "regNo": "M014405",
    "genericName": "PAEDIATRIC PARACETAMOL ORAL SOLUTION BP 120MG/5ML",
    "brandName": "PARACETA",
    "dosage": "ORAL SOLUTION"
  },
  {
    "id": 3990,
    "regNo": "M010984",
    "genericName": "PARACETAMOL (PAEDRIATIC) ORAL SOLUTION B.P 120MG/5ML",
    "brandName": "***",
    "dosage": "ORAL SOLUTION"
  },
  {
    "id": 3991,
    "regNo": "M012276",
    "genericName": "PARACETAMOL (PAEDRIATIC) ORAL SUSPENSION B.P 120MG/5ML",
    "brandName": "KELVIN",
    "dosage": "ORAL SOLUTION"
  },
  {
    "id": 3992,
    "regNo": "M009942",
    "genericName": "PARACETAMOL 10MG/ML SOLUTION FOR INFUSION",
    "brandName": "***",
    "dosage": "SOLUTION FOR INFUSION"
  },
  {
    "id": 3993,
    "regNo": "M017061",
    "genericName": "PARACETAMOL 10MG/ML SOLUTION FOR INFUSION",
    "brandName": "***",
    "dosage": "SOLUTION FOR INFUSION"
  }
]
```

9.2. Get Medicine by ID

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

- URL:** `http://localhost:8080/api/v1/auth/login` (tab title) and `http://localhost:8080/api/medicines/4256` (request URL).
- Method:** `GET`.
- Body:** `none` (selected).
- Status:** `200 OK` (green).
- Response Time:** `24 ms`.
- Response Size:** `663 B`.
- Response Format:** `JSON` (selected).
- Response Body (JSON):**

```
1 {  
2   "id": 4256,  
3   "genericName": "PROPARACAINE HYDROCHLORIDE OPTHALNIC SOULUTIO USP 5MG/ML 0.5%",  
4   "brandName": "*****",  
5   "manufacturer": "Mercury Laboratories Ltd",  
6   "country": "INDIA",  
7   "regNo": "M009846",  
8   "dosage": "OPHTHALMIC SOLUTION",  
9   "status": "ARCHIVED"  
10 }
```

A large diagonal watermark reading "Medicine Available" is overlaid on the bottom half of the image.