Pharmacy System Test Report

Generated: 2025-05-18 18:00:31

Test Environment

Base URL: http://localhost:8000

Patient User: patient@gmail.com

Pharmacist User: alan@gmail.com

Run Time: 2025-05-18 18:00:31

Test: Pharmacist Login

Status Code: 200

Duration: 0.21 seconds

Response:

```
{
  "message": "Login successful",
  "role": "PHARMACIST",
  "email": "alan@gmail.com",
  "first_name": "AlAN",
  "last_name": "Khadka",
  "profile_photo_url": null,
  "id": 9
}
```

Test: Create Category (POST /pharmacy/categories/)

Status Code: 201

Duration: 0.06 seconds

Response:

```
{
  "id": 7,
  "name": "AntiBio Category",
  "description": "Medicines used to treat bacterial infections",
  "created_at": "2025-05-18T12:15:31.862408Z",
  "created_by": 9
}
```

Test: Create Medicine (POST /pharmacy/medicines/)

Status Code: 201

Duration: 0.07 seconds

Response:

```
{
  "name": "Amoxicillin 500mg",
  "generic_name": "Amoxicillin",
  "manufacturer": "Himalayan Pharmaceuticals",
  "category": 7,
  "dosage_form": "CAPSULE",
  "strength": "500mg",
```

```
  "unit_price": "15.50",
  "minimum_stock_level": 20,
  "prescription_required": true,
  "description": "Broad-spectrum antibiotic used to treat bacterial infections",
  "side_effects": "Nausea, vomiting, diarrhea, rash",
  "is_active": true
}
```

Test: Generate Low Stock Report (GET /pharmacy/reports/low-stock/)

Status Code:	200
Duration:	0.14 seconds

Response:

```
[
  {
    "medicine_id": 13,
    "medicine_name": "Amoxicillin",
    "current_stock": 0,
    "minimum_stock_level": 20,
    "shortage": 20
  },
  {
    "medicine_id": 14,
    "medicine_name": "Amoxicillin 500mg",
    "current_stock": 0,
    "minimum_stock_level": 20,
    "shortage": 20
  },
  {
    "medicine_id": 11,
    "medicine_name": "Email Test Medicine",
    "current_stock": 0,
    "minimum_stock_level": 50,
    "shortage": 50
  },
  {
    "medicine_id": 8,
    "medicine_name": "honitus",
...
```

Test: Patient Login

Status Code:	200
Duration:	0.28 seconds

Response:

```
{
  "message": "Login successful",
  "role": "PATIENT",
```

```
  "email": "patient@gmail.com",
  "first_name": "Bigyan",
  "last_name": "YAN",
  "profile_photo_url": "/media/profile_photos/6f4fe457-6818-4ac6-b60a-9303db4b0e1a.jpg",
  "id": 11
}
```

Test: Pharmacist Login (Reports)

Status Code:	200
Duration:	0.29 seconds

Response:

```
{
  "message": "Login successful",
  "role": "PHARMACIST",
  "email": "alan@gmail.com",
  "first_name": "AlAN",
  "last_name": "Khadka",
  "profile_photo_url": null,
  "id": 9
}
```

Pharmacy System Test Report

Generated: 2025-05-18 18:00:32

Test Summary

Test Name	Result	Status Code	Duration (s)
Pharmacist Login	PASSED	200	0.21
Create Category (POST /pharmacy/categories/)	PASSED	201	0.06
Create Medicine (POST /pharmacy/medicines/)	PASSED	201	0.07
Generate Low Stock Report (GET /pharmacy/reports/low-stock/)	PASSED	200	0.14
Patient Login	PASSED	200	0.28
Pharmacist Login (Reports)	PASSED	200	0.29

Overall Result: ALL TESTS PASSED