

Shefaa Backend API Documentation

Base URL: <https://shefaa-backend.vercel.app/api>

Authentication – Register By Role

Register Patient

POST /auth/register

Content-Type: application/json

```
{
  "name": "Ahmed Ali",
  "email": "ahmed@email.com",
  "password": "123456",
  "role": "patient",
  "phoneNumber": "01012345678",
  "address": "Cairo",
  "age": 28,
  "gender": "male",
  "bloodType": "A+",
  "allergies": ["Dust"],
  "height": 175,
  "weight": 70
}
```

Register Doctor

POST /auth/register

Content-Type: multipart/form-data

Fields:

name: Ahmed Hassan
email: doctor@email.com
password: 123456
role: doctor
phoneNumber: 01099999999
specialization: Cardiology
yearsOfExperience: 10
paymentOption: in_clinic | online
about: Heart specialist
membership: PDF file

Register Pharmacy

POST /auth/register

Content-Type: application/json

```
{
  "name": "El Shifa Pharmacy",
  "email": "pharmacy@email.com",
  "password": "123456",
  "role": "pharmacy",
  "phoneNumber": "01111111111",
  "licence": "LIC-12345",
  "registrationNumber": "REG-9999",
  "addresses": ["Cairo", "Giza"]
}
```

```
}
```

Register Lab

```
POST /auth/register
```

```
Content-Type: application/json
```

```
{  
  "name": "Alpha Lab",  
  "email": "lab@email.com",  
  "password": "123456",  
  "role": "lab",  
  "phoneNumber": "0122222222",  
  "licence": "LIC-7777",  
  "registrationNumber": "REG-5555"  
}
```

Authentication Endpoints

```
POST /auth/login
{ "identity": "user@email.com", "password": "123456" }
```

```
POST /auth/forgot-password
{ "identity": "010xxxxxxx" }
```

```
POST /auth/reset-password
{ "token": "xyz...", "newPassword": "newpassword123" }
```

```
POST /auth/refresh
{ "refreshToken": "your_refresh_token_here" }
```

```
POST /auth/logout
{ "refreshToken": "token_to_delete" }
```

Patient Endpoints (/patients)

PUT /patients/profile

```
{
  "address": "Cairo, Egypt",
  "phoneNumber": "01122334455",
  "age": 28,
  "gender": "male",
  "bloodType": "A+",
  "allergies": ["Peanuts", "Dust"],
  "height": 175,
  "weight": 70
}
```

POST /patients/upload-scan

Form-Data:

scan: File (image or PDF)

notes: Optional text

Doctor Endpoints (/doctors)

PUT /doctors/profile

```
{
  "specialization": "Cardiology",
  "yearsOfExperience": 10,
  "about": "Expert in heart surgeries",
  "paymentOption": "online"
}
```

POST /doctors/add-clinic

```
{
  "name": "Elite Clinic",
  "city": "Alexandria",
  "address": "Stanly St.",
  "availableDays": ["Sunday", "Tuesday"],
  "dailyCapacity": 15,
  "slotDuration": 30,
  "capacityPerSlot": 1,
  "price": 500
}
```

POST /doctors/add-medical-record

```
{
  "patientId": "65a123...",
  "diagnosis": "Common Cold",
  "prescription": ["Panadol 500mg", "Vitamin C"],
  "notes": "Rest for 3 days",
  "nextVisitDate": "2026-02-20"
}
```

Lab Endpoints (/labs)

POST /labs/add-test

```
{  
  "testName": "Complete Blood Count (CBC)",  
  "price": 250,  
  "estimatedTime": "24 hours"  
}
```

POST /labs/upload-result

Form-Data:

patientId: ID_HERE

testName: CBC

resultFile: PDF file

Pharmacy Endpoints (/pharmacy)

POST /pharmacy/add-medicine

```
{
  "medicineName": "Augmentin 1g",
  "quantity": 50,
  "price": 90,
  "expirationDate": "2027-12-01",
  "category": "Antibiotic",
  "description": "Twice daily"
}
```

PUT /pharmacy/update-medicine/:id

```
{
  "quantity": 100,
  "price": 95
}
```

POST /pharmacy/dispense

```
{
  "stockId": "65b456...",
  "quantityToDispense": 2
}
```