

# 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": "010xxxxxxxx" }

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
}
```