# HEALTHCARE API DOCUMENTATION

* Authentication

### 1. Register User

**URL:** http://localhost:8000/api/auth/register/

**Method:** POST

**Headers:** Content-Type: application/json

**Request Body:**

**{**

"email": ["john@example.com",](mailto:\"john@example.com\",)

"password": "securepass123"

}

**Response:**

{

"message": "User registered successfully"

}

### 2. Login User

**URL:** http://localhost:8000//api/auth/login/

**Method:** POST

**Headers:** Content-Type: application/json

**Request Body:**

{

"email": "john@example.com",

"password": "securepass123"

}

**Response:**

{

"access": "<access\_token>",

"refresh": "<refresh\_token>"

"name": <name>

}

## Patient APIs

### 1. Add a Patient

**URL:**http://localhost:8000/api/patients/create/

**Method:** POST

**Headers:** Authorization: Bearer <token>

**Request Body:**

{

"name": "Alex Viju",

"age": 30,

"gender": "Male",

"address": "123 Health St."}

**Response:**

{

"id": 1,

"name": "Alex Viju",

"age": 30,

"gender": "Male",

"address": "123 Health St.",

"user": 5}

### 2. List All Patients

**URL:** http://localhost:8000/api/patients/

**Method:** GET

**Headers:** Authorization: Bearer <token>

**Response:**

[

{

"id": 1,

"name": "Alex Viju",

"age": 30,

"gender": "Male",

"address": "123 Health St.",

"user": 5

}]

### 3. Retrieve One Patient

**URL:** http://localhost:8000/api/patients/<id>/

**Method:** GET

**Headers:** Authorization: Bearer <token>

### 4. Update a Patient

**URL:** http://localhost:8000/api/patients/<id>/

**Method:** PUT

**Headers:** Authorization: Bearer <token>

**Request Body:**

{

"name": "Alex Viju",

"age": 31}

### 5. Delete a Patient

**URL:** http://localhost:8000/api/patients/<id>/

**Method:** DELETE

**Headers:** Authorization: Bearer <token>

## Doctor APIs

### 1. Add a Doctor

**URL:** http://localhost:8000/api/doctors/create/

**Method:** POST

**Headers:** Authorization: Bearer <token>

**Request Body:**

{

"name": "Dr. Maria",

"specialization": "Cardiologist",

"experience": 10

}

### 2. List All Doctors

**URL:** http://localhost:8000/api/doctors/

**Method:** GET

**Headers:** Authorization: Bearer <token>

### 3. View a Doctor

**URL:**http://localhost:8000/api/doctors/<id>/

**Method:** GET

**Headers:** Authorization: Bearer <token>

### 4. Update a Doctor

**URL:** http://localhost:8000/api/doctors/<id>/

**Method:** PUT

**Headers:** Authorization: Bearer <token>

### 5. Delete a Doctor

**URL:** http://localhost:8000/api/doctors/<id>/

**Method:** DELETE

**Headers:** Authorization: Bearer <token>

## Doctor-Patient Mappings

### 1. Assign Doctor to Patient

**URL:** http://localhost:8000/api/mappings/create/

**Method:** POST

**Headers:** Authorization: Bearer <token>

**Request Body:**

{

"patient\_id": 1,

"doctor\_id": 2}

### 2. View All Mappings

**URL:** http://localhost:8000/api/mappings/

**Method:** GET

**Headers:** Authorization: Bearer <token>

### 3. View Mappings for One Patient

**URL:** http://localhost:8000/api/mappings/<patient\_id>/

**Method:** GET

**Headers:** Authorization: Bearer <token>

### 4. Delete Mapping

**URL:** http://localhost:8000/api/mappings/delete/<id>/

**Method:** DELETE

**Headers:** Authorization: Bearer <token>