API DOCUMENTATION

Base URL

<http://localhost:8080/api>

Authentication APIs

1. Register Patient

**POST /auth/register/patient**

Request Body:

{

"name": "John Doe",

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

"phone": "1234567890",

"dob": "1990-01-01",

"password": "password123"

}

Sample Response Body:

“Patient Register Successfully”

1. Register Doctor

**POST /auth/register/doctor**

Request Body:{

"name": "Dr. Smith",

"specialization": "Cardiologist",

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

"phone": "0987654321",

"password": "password123"

}

Sample Response:

"Doctor registered successfully"

1. Login

POST /auth/login

Request Body:{

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

"password": "password123"

}

Sample Response:{

"token": "<jwt-token>",

"role": "PATIENT"

}

4.Doctor APIs

Search Doctors by Specialization

GET /doctors?specialization=Cardiologist&page=0&size=10Headers:Authorization: Bearer <jwt-token>

Sample Response:{

"content": [

{

"id": 1,

"name": "Dr. Smith",

"specialization": "Cardiologist",

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

"phone": "0987654321",

"availableSlots": ["2025-10-10T14:00:00", "2025-10-10T15:00:00"]

}

],

"pageable": { ... },

"totalPages": 1,

"totalElements": 1

}

4.Appointment APIs

Book Appointment

POST /appointments/bookHeaders:Authorization: Bearer <jwt-token>

Request Body:{

"patientId": 1,

"doctorId": 1,

"appointmentTime": "2025-10-10T14:00:00"

}

Sample Response:{

"id": 1,

"patientId": 1,

"doctorId": 1,

"appointmentTime": "2025-10-10T14:00:00",

"status": "SCHEDULED",

"notes": null

}

5.Cancel Appointment

POST /appointments/cancelHeaders:Authorization: Bearer <jwt-token>

Request Body:{

"appointmentId": 1

}

Sample Response:"Appointment cancelled"

6. Get Patient Appointments

GET /appointments/patient/{patientId}Headers:Authorization: Bearer <jwt-token>

Sample Response:[

{

"id": 1,

"patientId": 1,

"doctorId": 1,

"appointmentTime": "2025-10-10T14:00:00",

"status": "SCHEDULED",

"notes": null

}

]

7. Add Prescription

POST /appointments/{appointmentId}/prescriptionHeaders:Authorization: Bearer <jwt-token>

Sample Response:{

"id": 1,

"patientId": 1,

"doctorId": 1,

"appointmentTime": "2025-10-10T14:00:00",

"status": "COMPLETED",

"notes": "Take one tablet twice daily."

}