

Hospital Management System API's Testing

Important Note:- All api should contain base url before its end points. Example:-
http://localhost:300

1. Patient API's

- a. Method: POST, /api/v1/create-patient - Create a patient

Sample Input Fields:-

```
{
  "name": "Rahul",
  "email": "test2@gmail.com",
  "password": "12345",
  "phoneNumber": "1234567890",
  "gender": "Male",
  "address": "Kolkata",
  "age": "21"
}
```

Output:-

```
{
  "success": true,
  "message": "Patient created successfully",
  "data": {
    "name": "Rahul",
    "email": "test8@gmail.com",
    "password":
"$2b$10$ONJfmXUpUrzRWGZSnmlZVu6PwgP8X54en6kaU8y24InMIXDWMA37
W",
    "phoneNumber": "1234567890",
    "address": "Kolkata",
    "gender": "Male",
    "age": 21,
    "_id": "67fa53d3ed6a406dc8a43ab7",
    "createdAt": "2025-04-12T11:51:47.105Z",
    "updatedAt": "2025-04-12T11:51:47.105Z",
    "__v": 0
  }
}
```

- b. Method - GET, `/api/v1/get-all-patients` - Get all patients

Sample Input Fields:-

No need to give any input.

Output:-

List of all patients will be shown present in the database.

- c. Method - GET, `/api/v1/get-patient-id/:id` - Get patient by id

Sample Input Fields:-

No need to give any input. Make sure you write the id of any patient document in the param `“:id”`.

Output:-

Patient with the given id will be shown if it exists in the database else custom error message will be shown.

2. Doctor API's

- d. Method: POST, `/api/v1/create-doctor` - Create a doctor

Sample Input Fields:-

```
{
  "name": "Rahul",
  "email": "test9010@gmail.com",
  "password": "12345",
  "phoneNumber": "1234567890",
  "gender": "Male",
  "address": "Kolkata",
  "age": "21",
  "specialization": "MD",
  "fee": 100
}
```

Output:-

```
{
  "success": true,
```

```

"message": "Doctor created successfully",
"data": {
  "name": "Rahul",
  "email": "test9010@gmail.com",
  "password":
"$2b$10$slFf4qkTtX8lOxjfn59iO.EhkVsn8yP/9U.mB5tmwNsQqa4O0GnQu",
  "phoneNumber": "1234567890",
  "address": "Kolkata",
  "gender": "Male",
  "age": 21,
  "specialization": "MD",
  "experience": 0,
  "available": true,
  "fee": 100,
  "_id": "67fa563e65bbe97c8048bb4b",
  "createdAt": "2025-04-12T12:02:06.543Z",
  "updatedAt": "2025-04-12T12:02:06.543Z",
  "__v": 0
}
}

```

e. Method - GET, /api/v1/get-all-doctors - Get all doctors

Sample Input Fields:-

No need to give any input.

Output:-

List of all doctors will be shown present in the database.

f. Method - GET, /api/v1/get-doctor-id/:id - Get doctor by id

Sample Input Fields:-

No need to give any input. Make sure you write the id of any doctor document in the param "id".

Output:-

Doctor with the given id will be shown if it exists in the database else custom error message will be shown.

3. Appointment Api's

g. Method - GET, /api/v1/create-appointment - Create an appointment

Sample Input Fields:-

```
{
  "patientId": "67f9683773506257ed0038b2",
  "doctorId": "67fa1bcabb99442959d4b5b9",
  "appointmentDate": "2025-04-15T10:30:00.000Z",
  "appointmentType": "online",
  "notes": "First time consultation",
  "paymentStatus": "paid",
  "paidAt": "2025-04-14T12:00:00.000Z"
}
```

Output:-

```
{
  "success": true,
  "message": "Appointment booked successfully.",
  "data": {
    "patientId": "67f9683773506257ed0038b2",
    "doctorId": "67fa1bcabb99442959d4b5b9",
    "appointmentDate": "2025-04-15T10:30:00.000Z",
    "appointmentType": "online",
    "notes": "First time consultation",
    "status": "scheduled",
    "paymentStatus": "paid",
    "paidAt": "2025-04-14T12:00:00.000Z",
    "duration": 30,
    "_id": "67fa586465bbe97c8048bb52",
    "createdAt": "2025-04-12T12:11:16.759Z",
    "updatedAt": "2025-04-12T12:11:16.759Z",
    "__v": 0
  }
}
```

h. Method - GET, /api/v1/get-all-appointments - Get all appointments

Sample Input Fields:-

No need to give any input.

Output:-

List of all appointments will be shown present in the database.

- i. Method - GET, /api/v1/get-appointment-id/:id - Get appointment by id

Sample Input Fields:-

No need to give any input. Make sure you write the id of any appointment document in the param “:id”.

Output:-

Appointment with the given id will be shown if it exists in the database else custom error message will be shown.

- j. Method - PATCH, /api/v1/update-appointment-id/:id - Update appointment fields by id

Sample Input Fields:-

```
{
  "paymentStatus": "pending"
}
```

Output:-

Appointment with the given id will change its current field of paymentStatus to pending.

```
{
  "success": true,
  "message": "Appointment updated successfully.",
  "data": {
    "_id": "67fa2c4af93fd0c06f3a74e4",
    "patientId": "67f9683773506257ed0038b2",
    "doctorId": "67fa1bcabb99442959d4b5b9",
    "appointmentDate": "2025-04-15T10:30:00.000Z",
    "appointmentType": "online",
    "notes": "First time consultation",
    "status": "cancelled",
    "paymentStatus": "pending",
    "paidAt": "2025-04-14T12:00:00.000Z",
    "duration": 30,
    "createdAt": "2025-04-12T09:03:06.981Z",
    "updatedAt": "2025-04-12T12:17:12.380Z",
  }
}
```

```
    "__v": 0
  }
}
```

- k. **Method - DELETE**, `/api/v1/cancel-appointment-id/:id` - Cancel an appointment (soft delete)

Sample Input Fields:-

No need to give any input. Make sure you write the id of any appointment document in the param “:id”.

Output:-

Appointment with the given id will show cancelled status.