



Hands-on No. : 6

Topic : CRUD Operations

Date : 23-09-2025

Create (C):

1. Create hospitals, doctors, patients, appointments and admins collection schemas for Hospital Management System
2. Insert new documents into collections following the defined schemas using insertOne and insertMany

Read (R):

1. Find all hospitals
2. Find hospitals with specific departments
3. Find doctors by name
4. Find doctors by hospital
5. Find patients age 40 and above
6. Find appointments by doctor
7. Find appointments by patient
8. Find all admins
9. Find admins by name
10. Find admins by role

Update (U):

1. Add a new department to a hospital
2. Update contact details for a hospital
3. Add a new doctor to a hospital
4. Update schedule for a doctor
5. Update health records for a patient
6. Add a new appointment for a patient
7. Update appointment status
8. Update contact details for an admin
9. Update the availability of all doctors who have a specific specialization, such as "Pediatrics", to mark them as unavailable on weekends
10. Update the status of all appointments that are scheduled for tomorrow to "Cancelled"

It is going to be hard but, hard does not mean impossible.



HANDS-ON

Delete (D):

1. Delete a Hospital and Associated Doctors
2. Delete a Doctor and Their Appointments
3. Delete a Patient and Their Appointments
4. Delete an Appointment
5. Delete an Admin

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