



DBMS INNOVATIVE METHOD(Group Project)

TOPIC: HOSPITAL
MANAGEMENT
DATABASE

GROUP MEMBERS

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- Chaitali Nagbhidkar – 104
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- Manaswi Padole – 111
- Om Sadawarti - 160



SQL Queries

```
-- Table for Patients
CREATE TABLE Patients (
    PatientID INT PRIMARY KEY
    AUTO_INCREMENT,
    FirstName VARCHAR(50) NOT NULL,
    LastName VARCHAR(50) NOT NULL,
    Gender ENUM('Male', 'Female', 'Other')
    NOT NULL,
    Age INT,
    ContactNumber VARCHAR(15),
    Address VARCHAR(255)
);
```

```
-- Table for Doctors
CREATE TABLE Doctors (
    DoctorID INT PRIMARY KEY
    AUTO_INCREMENT,
    FirstName VARCHAR(50) NOT NULL,
    LastName VARCHAR(50) NOT NULL,
    Specialization VARCHAR(100),
    ContactNumber VARCHAR(15),
    Email VARCHAR(100)
);
```



SQL Queries

```
-- Table for Appointments
CREATE TABLE Appointments (
  AppointmentID INT PRIMARY KEY
  AUTO_INCREMENT,
  PatientID INT,
  DoctorID INT,
  AppointmentDate DATE,
  StartTime TIME,
  EndTime TIME,
  FOREIGN KEY (PatientID)
  REFERENCES Patients(PatientID),
  FOREIGN KEY (DoctorID)
  REFERENCES Doctors(DoctorID)
);
```

```
-- Table for Medical Records
CREATE TABLE MedicalRecords (
  RecordID INT PRIMARY KEY
  AUTO_INCREMENT,
  PatientID INT,
  DoctorID INT,
  RecordDate DATE,
  Diagnosis VARCHAR(255),
  Prescription VARCHAR(255),
  FOREIGN KEY (PatientID)
  REFERENCES Patients(PatientID),
  FOREIGN KEY (DoctorID)
  REFERENCES Doctors(DoctorID)
);
```



SQL Queries

```
-- Table for Billing
CREATE TABLE Billing (
  BillID INT PRIMARY KEY
  AUTO_INCREMENT,
  PatientID INT,
  DoctorID INT,
  BillDate DATE,
  Amount DECIMAL(10, 2),
  FOREIGN KEY (PatientID)
  REFERENCES Patients(PatientID),
  FOREIGN KEY (DoctorID)
  REFERENCES Doctors(DoctorID)
);
```

```
-- Insert 5 records into Patients table
INSERT INTO Patients (FirstName, LastName,
  Gender, Age, ContactNumber, Address)
VALUES
  ('John', 'Doe', 'Male', 30, '1234567890', '123
  Main St'),
  ('Jane', 'Smith', 'Female', 25, '9876543210',
  '456 Oak St'),
  ('Michael', 'Johnson', 'Male', 45,
  '5551112233', '789 Pine St'),
  ('Emily', 'Williams', 'Female', 28,
  '4443332222', '101 Elm St'),
  ('David', 'Brown', 'Male', 35, '6667778888',
  '202 Maple St');
```



SQL Queries

```
INSERT INTO Doctors (FirstName, LastName,
Specialization, ContactNumber, Email)
VALUES
    ('Dr. Sarah', 'Jones', 'Cardiology',
'1112223344', 'sarah.jones@example.com'),
    ('Dr. Robert', 'Miller', 'Orthopedics',
'5556667788', 'robert.miller@example.com'),
    ('Dr. Maria', 'Garcia', 'Pediatrics',
'9998887766', 'maria.garcia@example.com'),
    ('Dr. James', 'Anderson', 'Oncology',
'3334445566',
'james.anderson@example.com'),
    ('Dr. Linda', 'Clark', 'Dermatology',
'7778889999', 'linda.clark@example.com');
```

```
-- Insert 5 records into Appointments table
INSERT INTO Appointments (PatientID,
DoctorID, AppointmentDate, StartTime,
EndTime)
VALUES
    (1, 1, '2023-10-10', '10:00:00', '11:00:00'),
    (2, 2, '2023-10-11', '14:00:00', '15:00:00'),
    (3, 3, '2023-10-12', '11:30:00', '12:30:00'),
    (4, 4, '2023-10-13', '09:00:00', '10:00:00'),
    (5, 5, '2023-10-14', '16:00:00', '17:00:00');
```



SQL Queries

```
-- Insert 5 records into MedicalRecords table
INSERT INTO MedicalRecords (PatientID,
DoctorID, RecordDate, Diagnosis, Prescription)
VALUES
    (1, 1, '2023-10-10', 'Hypertension',
'Medication A'),
    (2, 2, '2023-10-11', 'Fractured Arm', 'Rest and
Painkillers'),
    (3, 3, '2023-10-12', 'Common Cold',
'Antibiotics'),
    (4, 4, '2023-10-13', 'Cancer Screening', 'Refer
to Oncologist'),
    (5, 5, '2023-10-14', 'Skin Allergy', 'Topical
Cream');
```

```
-- Insert 5 records into Billing table
INSERT INTO Billing (PatientID, DoctorID,
BillDate, Amount)
VALUES
    (1, 1, '2023-10-10', 150.00),
    (2, 2, '2023-10-11', 200.00),
    (3, 3, '2023-10-12', 75.50),
    (4, 4, '2023-10-13', 300.00),
    (5, 5, '2023-10-14', 50.00);
```



Patients Table

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#)

✓ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

```
SELECT * FROM `patients`
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: Filter rows: Sort by key:

Extra options

				PatientID	FirstName	LastName	Gender	Age	ContactNumber	Address
<input type="checkbox"/>				1	John	Doe	Male	30	1234567890	123 Main St
<input type="checkbox"/>				2	Jane	Smith	Female	25	9876543210	456 Oak St
<input type="checkbox"/>				3	Michael	Johnson	Male	45	5551112233	789 Pine St
<input type="checkbox"/>				4	Emily	Williams	Female	28	4443332222	101 Elm St
<input type="checkbox"/>				5	David	Brown	Male	35	6667778888	202 Maple St

☐ Check all With selected: Edit Copy Delete Export



Doctors Table

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#)

✓ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

```
SELECT * FROM `doctors`
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Sort by key:

Extra options

			DoctorID	FirstName	LastName	Specialization	ContactNumber	Email	
<input type="checkbox"/>				1	Dr. Sarah	Jones	Cardiology	1112223344	sarah.jones@example.com
<input type="checkbox"/>				2	Dr. Robert	Miller	Orthopedics	5556667788	robert.miller@example.com
<input type="checkbox"/>				3	Dr. Maria	Garcia	Pediatrics	9998887766	maria.garcia@example.com
<input type="checkbox"/>				4	Dr. James	Anderson	Oncology	3334445566	james.anderson@example.com
<input type="checkbox"/>				5	Dr. Linda	Clark	Dermatology	7778889999	linda.clark@example.com

☐ Check all With selected: Edit Copy Delete Export



Appointments Table

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#)

✓ Showing rows 0 - 4 (5 total, Query took 0.0003 seconds.)

```
SELECT * FROM `appointments`
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 ▼ Filter rows: Sort by key: None ▼

Extra options

				AppointmentID	PatientID	DoctorID	AppointmentDate	StartTime	EndTime		
<input type="checkbox"/>		Edit		Copy		Delete	1	1	1 2023-10-10	10:00:00	11:00:00
<input type="checkbox"/>		Edit		Copy		Delete	2	2	2 2023-10-11	14:00:00	15:00:00
<input type="checkbox"/>		Edit		Copy		Delete	3	3	3 2023-10-12	11:30:00	12:30:00
<input type="checkbox"/>		Edit		Copy		Delete	4	4	4 2023-10-13	09:00:00	10:00:00
<input type="checkbox"/>		Edit		Copy		Delete	5	5	5 2023-10-14	16:00:00	17:00:00

☐ Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)



Medical Records Table

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#)

✓ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

```
SELECT * FROM `medicalrecords`
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 ▼ Filter rows: Sort by key: None ▼

Extra options

				RecordID	PatientID	DoctorID	RecordDate	Diagnosis	Prescription
<input type="checkbox"/>				1	1	1	2023-10-10	Hypertension	Medication A
<input type="checkbox"/>				2	2	2	2023-10-11	Fractured Arm	Rest and Painkillers
<input type="checkbox"/>				3	3	3	2023-10-12	Common Cold	Antibiotics
<input type="checkbox"/>				4	4	4	2023-10-13	Cancer Screening	Refer to Oncologist
<input type="checkbox"/>				5	5	5	2023-10-14	Skin Allergy	Topical Cream

☐ Check all With selected: Edit Copy Delete Export



Billing Table

Database management interface showing the 'Billing Table'.

Navigation tabs: Browse, Structure, SQL, Search, Insert, Export, Import.

Status: Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

SQL Query: `SELECT * FROM `billing``

Options: ☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Controls: ☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key:

Extra options

				BillID	PatientID	DoctorID	BillDate	Amount
<input type="checkbox"/>	Edit	Copy	Delete	1	1	1	2023-10-10	150.00
<input type="checkbox"/>	Edit	Copy	Delete	2	2	2	2023-10-11	200.00
<input type="checkbox"/>	Edit	Copy	Delete	3	3	3	2023-10-12	75.50
<input type="checkbox"/>	Edit	Copy	Delete	4	4	4	2023-10-13	300.00
<input type="checkbox"/>	Edit	Copy	Delete	5	5	5	2023-10-14	50.00

Actions: ☐ Check all | With selected: Edit Copy Delete Export





Thank You !!

