

DATABAS MANAGEENT SYSTEM

PROJECT NAME: VIRTUAL MEDICAL ASSISTANT

GROUP MEMBERS:

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QUERIES:

CREATE DATABASE Vma;

USE Vma;

**CREATE TABLE Symptoms (
SymptomID INT PRIMARY KEY AUTO_INCREMENT,
SymptomName VARCHAR(255) NOT NULL
);**

**CREATE TABLE Conditions (
ConditionID INT PRIMARY KEY AUTO_INCREMENT,
ConditionName VARCHAR(255) NOT NULL
);**

```
CREATE TABLE SymptomConditionMap (  
    SymptomID INT,  
    ConditionID INT,  
    PRIMARY KEY (SymptomID, ConditionID),  
    FOREIGN KEY (SymptomID) REFERENCES Symptoms(SymptomID),  
    FOREIGN KEY (ConditionID) REFERENCES Conditions(ConditionID)  
);
```

```
CREATE TABLE Remedies (  
    ConditionID INT PRIMARY KEY,  
    RemedyDescription TEXT,  
    FOREIGN KEY (ConditionID) REFERENCES Conditions(ConditionID)  
);
```

```
INSERT INTO Symptoms (SymptomName) VALUES ('Headache'), ('Cough'),  
('Fever');
```

```
INSERT INTO Conditions (ConditionName) VALUES ('Migraine'), ('Common  
Cold'), ('Flu');
```

```
INSERT INTO SymptomConditionMap (SymptomID, ConditionID) VALUES  
(1, 1), -- Headache is associated with Migraine  
(2, 2), -- Cough is associated with Common Cold
```

(3, 3); -- Fever is associated with Flu

INSERT INTO Remedies (ConditionID, RemedyDescription) VALUES

(1, 'Rest in a dark room'),

(2, 'Stay hydrated and rest'),

(3, 'Get plenty of rest and drink fluids');