Record Management System

Milestone: Implementation in MySQL

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Percentage of Effort Contributed by Student1: 50%

Percentage of Effort Contributed by Student2: 50%

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Signature of Student 2: Yashwant Dontam

Submission Date: 11/12/2023

SQL queries showing the Tables and the Columns

1.

```
CREATE TABLE AccessRights (

AccessID INT PRIMARY KEY,

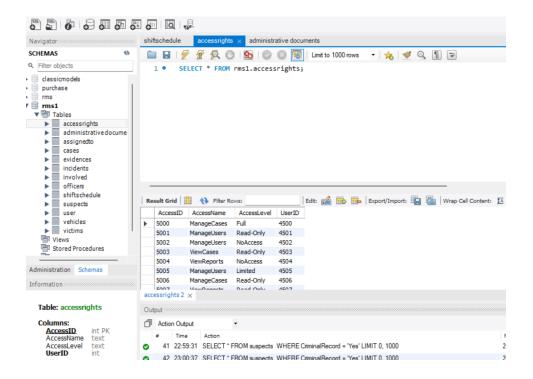
AccessName TEXT,

AccessLevel TEXT,

UserID INT NOT NULL,

FOREIGN KEY (UserID) REFERENCES User(UserID)

);
```



2.

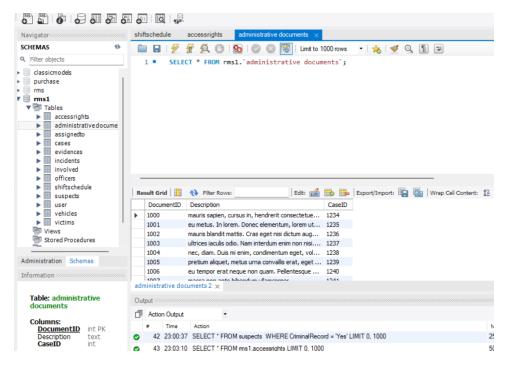
CREATE TABLE AdministrativeDocuments (
DocumentID INT PRIMARY KEY,

Description TEXT,

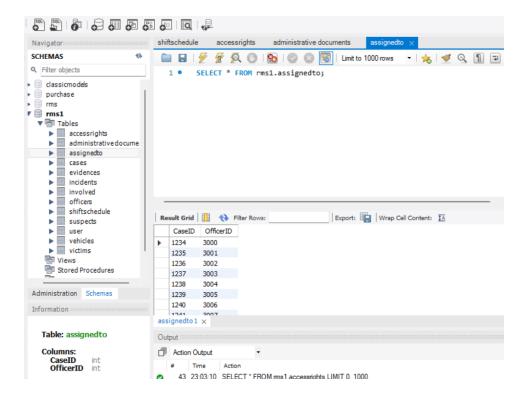
CaseID INT NOT NULL,

FOREIGN KEY (CaseID) REFERENCES Cases(CaseID)

);



```
CREATE TABLE AssignedTo (
CaseID INT NOT NULL,
OfficerID INT NOT NULL,
PRIMARY KEY (CaseID, OfficerID),
FOREIGN KEY (CaseID) REFERENCES Cases(CaseID),
FOREIGN KEY (OfficerID) REFERENCES Officers(OfficerID)
);
```



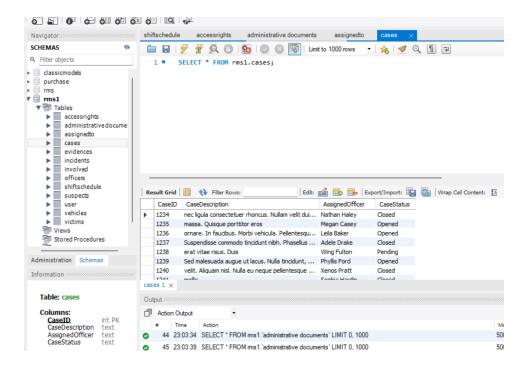
```
CREATE TABLE cases (

CaseID INT PRIMARY KEY,

CaseDescription TEXT,

AssignedOfficers TEXT,

CaseStatus TEXT
);
```



CREATE TABLE evidences (

EvidenceID INT PRIMARY KEY,

EvidenceType TEXT,

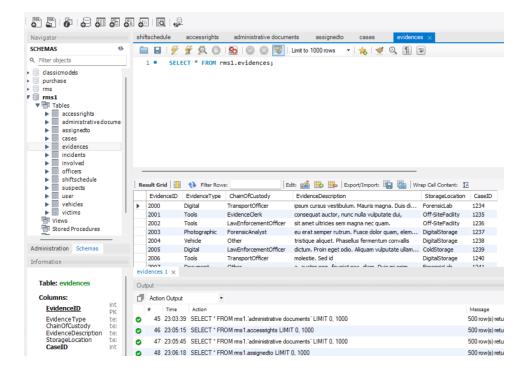
ChainOfCustody TEXT,

EvidenceDescription TEXT,

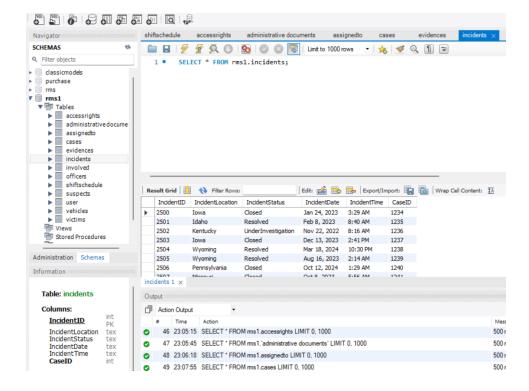
StorageLocation TEXT,

CaseID INT NOT NULL,

FOREIGN KEY (CaseID) REFERENCES Case(CaseID)



```
CREATE TABLE incidents (
IncidentID INT PRIMARY KEY,
IncidentLocation TEXT,
IncidentStatus TEXT,
IncidentDate DATE,
IncidentTime TIME,
CaseID INT NOT NULL,
FOREIGN KEY (CaseID) REFERENCES Cases(CaseID)
```



CREATE TABLE Involved (

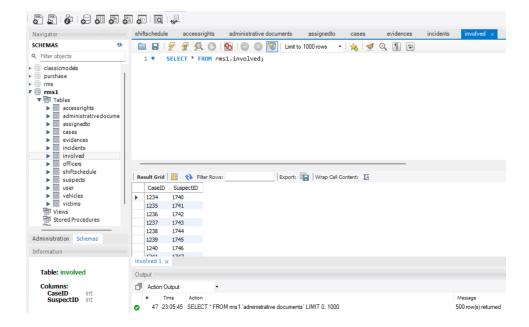
CaseID INT NOT NULL,

SuspectID INT NOT NULL,

PRIMARY KEY (CaseID, SuspectID),

FOREIGN KEY (CaseID) REFERENCES Cases(CaseID),

FOREIGN KEY (SuspectID) REFERENCES Suspect(SuspectID)



```
CREATE TABLE Officers (

OfficerID INT PRIMARY KEY,

OfficerName TEXT,

OfficerContact TEXT,

OfficerRank TEXT,

BadgeNumber TEXT,

VehicleID INT NOT NULL,

ScheduleID INT NOT NULL,

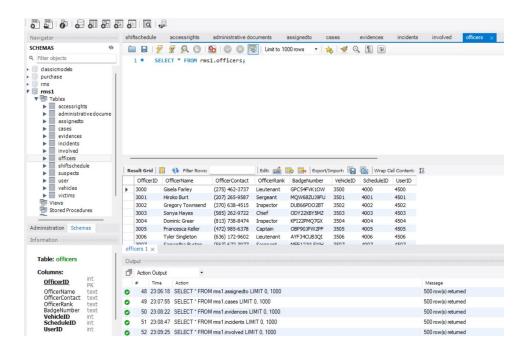
UserID INT NOT NULL,

FOREIGN KEY (VehicleID) REFERENCES Vehicle(VehicleID),

FOREIGN KEY (ScheduleID) REFERENCES Schedule(ScheduleID),

FOREIGN KEY (UserID) REFERENCES User(UserID)

);
```

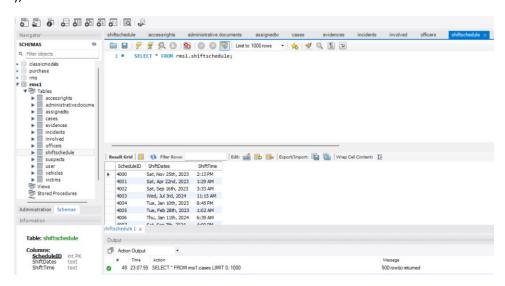


CREATE TABLE ShiftSchedule (

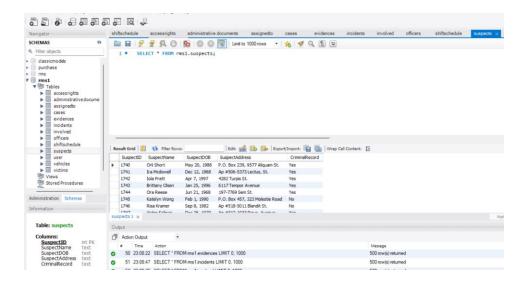
ScheduleID INT PRIMARY KEY,

ShiftDates DATE,

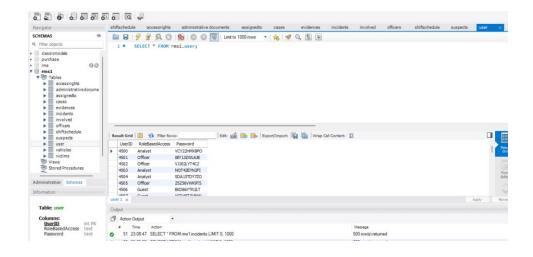
ShiftTime TIME



```
CREATE TABLE suspects (
SuspectID INT PRIMARY KEY,
SuspectName TEXT,
SuspectDOB DATE,
SuspectAddress TEXT,
CriminalRecord TEXT
);
```



```
CREATE TABLE Users (
UserID INT PRIMARY KEY,
RoleBasedAccess TEXT,
Password TEXT
);
```



CREATE TABLE Vehicles (

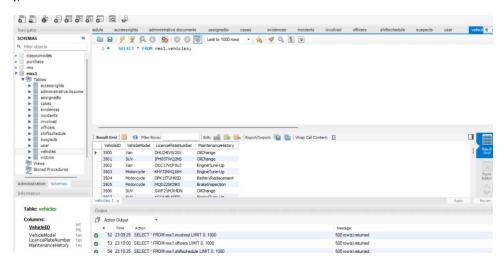
VehicleID INT PRIMARY KEY,

VehicleModel TEXT,

LicencePlateNumber TEXT,

MaintenanceHistory TEXT

);



13.

CREATE TABLE Victims (

VictimID INT PRIMARY KEY,

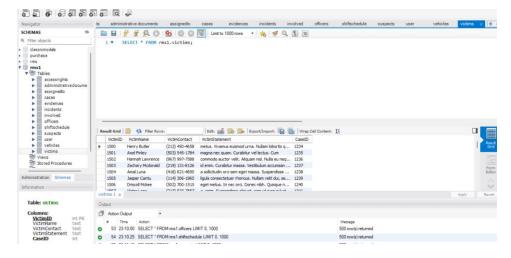
VictimName TEXT,

VictimContact TEXT,

VictimStatement TEXT,

CaseID INT NOT NULL,

FOREIGN KEY (CaseID) REFERENCES Cases(CaseID)



Sample Queries

