**Database SQL**

create table Prisoner\_info

(PrisonerID VARCHAR(6) PRIMARY KEY,

LastName VARCHAR(15) Not Null,

FirstName VARCHAR(15),

DOB date);

create table StatePrison\_info

(StatePrisonID VARCHAR(6) PRIMARY KEY,

State CHAR(2) NOT NULL,

City VARCHAR(15),

Address VARCHAR(15),

Zip VARCHAR(5));

Create table LegalFirms

(FirmID VARCHAR(6) PRIMARY KEY,

FirmName VARCHAR(15));

create table Attorneys

(AttorneyID VARCHAR(8) PRIMARY KEY NOT NULL,

Att\_FirstName VARCHAR(15),

Att\_LastName VARCHAR(15) NOT NULL,

FirmID VARCHAR(6),

foreign key(FirmID)references LegalFirms(FirmID));

Create table Court

(CourtID VARCHAR(4) PRIMARY KEY NOT NULL,

C\_State CHAR(2) NOT NULL,

C\_city VARCHAR(15),

C\_address VARCHAR(15),

C\_zip VARCHAR(5));

Create table Cate\_table

(CategoryID VARCHAR(6) PRIMARY KEY,

CategoryName VARCHAR(15));

Create table R\_status

(ReleaseStatusID VARCHAR(4) PRIMARY KEY,

ReleaseStatus VARCHAR(15));

Create table C\_Status

(CaseStatusID VARCHAR(4) PRIMARY KEY,

CaseStatus VARCHAR(15));

create table Off\_table

(OffencesID VARCHAR(6) PRIMARY KEY,

offence VARCHAR(15),

CategoryID VARCHAR(6),

foreign key(CategoryID)references Cate\_table(CategoryID));

create table Case\_table

(CaseID VARCHAR(6) PRIMARY KEY,

CasestatusID VARCHAR(4),

PrisonerID VARCHAR(6),

AttorneyID VARCHAR(8),

foreign key(PrisonerID)references Prisoner\_info(PrisonerID),

foreign key(AttorneyID)references Attorneys(AttorneyID),

foreign key(CaseStatusID)references C\_Status(CaseStatusID));

Create table Cas\_OFF

(CaseID VARCHAR(6),

offencesID VARCHAR(6),

Counts INT,

PRIMARY KEY(CaseID,offencesID),

foreign key(offencesID)references Off\_table(OffencesID),

foreign key(CaseID)references Case\_table(CaseID));

create table Admissions

(ukid UNIQUEIDENTIFIER PRIMARY KEY DEFAULT(NEWID()),

PrisonerID VARCHAR(6),

AdmissionDate Date NOT NULL,

ReleaseDate Date,

StatePrisonID VARCHAR(6),

ReleaseStatusID VARCHAR(4),

foreign key(PrisonerID)references Prisoner\_info(PrisonerID),

foreign key(StatePrisonID)references StatePrison\_info(StatePrisonID),

foreign key(ReleaseStatusID)references R\_status(ReleaseStatusID));

Create table Hearing

(HearingID VARCHAR(8) PRIMARY KEY,

HearingDate Date,

HearingTime Time,

CaseID VARCHAR(6),

FirmID VARCHAR(6),

CourtID VARCHAR(4),

foreign key(FirmID)references LegalFirms(FirmID),

foreign key(CaseID)references Case\_table(CaseID),

foreign key(CourtID)references Court(CourtID));