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Project Part 2: Table Structure Pictures

Table Structures of: Administers, Administrator, AdmWorkHours, AirtimePackage, & Broadcasts:

```
sqlite> .schema Administers
CREATE TABLE Administers(
  empId      int,
  siteCode   int,
  FOREIGN KEY(empId)      REFERENCES Administrator(empId),
  FOREIGN KEY(siteCode)   REFERENCES Site(siteCode),
  PRIMARY KEY(empId, siteCode)
);
sqlite> .schema Administrator
CREATE TABLE Administrator(
  empId      int,
  name       varchar(40),
  gender     char(1),
  PRIMARY KEY(empId)
);
sqlite> .schema AdmWorkHours
CREATE TABLE AdmWorkHours(
  empId      int,
  day        date,
  hours      numeric(4,2),
  FOREIGN KEY(empId) REFERENCES Administrator(empId),
  PRIMARY KEY(empId, day)
);
sqlite> .schema AirtimePackage
CREATE TABLE AirtimePackage(
  packageId   int,
  class       varchar(16),
  startDate   date,
  lastDate    date,
  frequency   int,
  videoCode   int,
  PRIMARY KEY(packageId)
);
sqlite> .schema Broadcasts
CREATE TABLE Broadcasts(
  videoCode   int,
  siteCode    int,
  FOREIGN KEY(videoCode) REFERENCES Video(videoCode),
  FOREIGN KEY(siteCode)  REFERENCES Site(siteCode),
  PRIMARY KEY(videoCode, siteCode)
);
```

Table Structures of: Client, DigitalDisplay, Locates, Model, & Purchases:

```
sqlite> .schema Client
CREATE TABLE Client(
  clientId    int,
  name        varchar(40),
  phone       varchar(16),
  address     varchar(100),
  PRIMARY KEY(clientId)
);
sqlite> .schema DigitalDisplay
CREATE TABLE DigitalDisplay(
  serialNo    char(10),
  schedulerSystem char(10),
  modelNo     char(10),
  FOREIGN KEY(modelNo) REFERENCES Model(modelNo),
  PRIMARY KEY(serialNo)
);
sqlite> .schema Locates
CREATE TABLE Locates(
  serialNo    char(10),
  siteCode    int,
  FOREIGN KEY(serialNo) REFERENCES DigitalDisplay(serialNo),
  FOREIGN KEY(siteCode) REFERENCES Site(siteCode),
  PRIMARY KEY(serialNo, siteCode)
);
sqlite> .schema Model
CREATE TABLE Model(
  modelNo char(10),
  width    numeric(6,2),
  height   numeric(6,2),
  weight   numeric(6,2),
  depth    numeric(6,2),
  screenSize numeric(6,2),
  PRIMARY KEY(modelNo)
);
sqlite> .schema Purchases
CREATE TABLE Purchases(
  clientId    int,
  empId       int,
  packageId   int,
  commissionRate numeric(4,2),
  FOREIGN KEY(clientId) REFERENCES Client(clientId),
  FOREIGN KEY(empId) REFERENCES Salesman(empId),
  FOREIGN KEY(packageId) REFERENCES AirtimePackage(packageId),
  PRIMARY KEY(clientId, empId, packageId)
);
```

Table Structures of: Salesman, Site, Specializes, TechnicalSupport, & Video:

```
sqlite> .schema Salesman
CREATE TABLE Salesman(
  empId    int,
  name     varchar(40),
  gender   char(1),
  PRIMARY KEY(empId)
);
sqlite> .schema Site
CREATE TABLE Site(
  siteCode  int,
  type      varchar(16),
  address   varchar(100),
  phone     varchar(16),
  PRIMARY KEY(siteCode)
);
sqlite> .schema Specializes
CREATE TABLE Specializes(
  empId    int,
  modelNo  char(10),
  FOREIGN KEY(empId)      REFERENCES TechnicalSupport(empId),
  FOREIGN KEY(modelNo)    REFERENCES Model(modelNo),
  PRIMARY KEY(empId, modelNo)
);
sqlite> .schema TechnicalSupport
CREATE TABLE TechnicalSupport(
  empId    int,
  name     varchar(40),
  gender   char(1),
  PRIMARY KEY(empId)
);
sqlite> .schema Video
CREATE TABLE Video(
  videoCode  int,
  videoLength int,
  PRIMARY KEY(videoCode)
);
```