

```
CREATE TABLE Product(  
  pName VARCHAR(200) NOT NULL,  
  availableStock INTEGER NOT NULL CHECK(availableStock >=0),  
  price REAL NOT NULL CHECK(price >=0),  
  reservedCopies INTEGER NOT NULL CHECK(reservedCopies>=0),  
  PRIMARY KEY (pName ));
```

```
CREATE TABLE Employee(  
  eID CHAR(7) NOT NULL,  
  fName VARCHAR(30) NOT NULL,  
  lName VARCHAR(30) NOT NULL,  
  phoneNum VARCHAR(14),  
  PRIMARY KEY (eID));
```

```
CREATE TABLE Customers(  
  cFName VARCHAR(30) NOT NULL,  
  cLName VARCHAR(30) NOT NULL,  
  cEmail VARCHAR(320) NOT NULL,  
  PRIMARY KEY (cEmail));
```

```
CREATE TABLE ReservationList(  
  reservationID INT NOT NULL AUTO-INCREMENT,  
  cEmail VARCHAR(320) NOT NULL,  
  timestamp DATETIME NOT NULL,  
  FOREIGN KEY (cEmail )  
  REFERENCES Customers(cEmail) ON UPDATE CASCADE ON DELETE CASCADE,  
  PRIMARY KEY (reservationId));
```

```
CREATE TABLE gameReservation(  
  reservationID CHAR(7) NOT NULL,  
  pName VARCHAR(200) NOT NULL,  
  copiesReserved INTEGER CHECK(copiesReserved >=0),  
  FOREIGN KEY (pName)  
  REFERENCES Product(pName) ON UPDATE CASCADE ON DELETE CASCADE,  
  PRIMARY KEY (reservationId, pName));
```

```
CREATE TABLE SalesList(  
  saleID INT NOT NULL AUTO-INCREMENT,  
  cEmail VARCHAR(320) NOT NULL,  
  timestamp DATETIME NOT NULL,  
  eID CHAR(7) NOT NULL,  
  FOREIGN KEY (cEmail )  
  REFERENCES Customers(cEmail)  
  ON UPDATE CASCADE ON DELETE CASCADE,
```

```
FOREIGN KEY (eID)
REFERENCES Employee(eID)
ON UPDATE CASCADE ON DELETE CASCADE,
PRIMARY KEY (saleID));
```

```
CREATE TABLE gameSales(
saleID CHAR(7) NOT NULL,
pName VARCHAR(200) NOT NULL,
copiesSold INTEGER NOT NULL CHECK(copiesSold >=0),
FOREIGN KEY (pName)
REFERENCES Product(pName)
ON UPDATE CASCADE ON DELETE CASCADE,
PRIMARY KEY (saleID , pName));
```

```
CREATE TABLE SalePrice(
saleID CHAR(7) NOT NULL,
pName VARCHAR(200) NOT NULL,
salePrice REAL NOT NULL check(salePrice>=0),
FOREIGN KEY (pName)
REFERENCES Product(pName)
ON UPDATE CASCADE ON DELETE CASCADE,
PRIMARY KEY (saleID , pName));
```