

Gaming Lounge SQL

CREATE TABLE MEMBER

```
( MEMBERID CHAR(10) NOT NULL,  
  FNAME VARCHAR(30),  
  MNAME VARCHAR(30),  
  LNAME VARCHAR(30),  
  STREET VARCHAR(50),  
  STATE CHAR(2),  
  ZIP CHAR(5),  
  PRIMARY KEY (MEMBERID)  
);
```

CREATE TABLE MEMBERSHIP_CARD

```
( MEMBERID CHAR(10),  
  POINTS INT NOT NULL DEFAULT 0,  
  TYPE VARCHAR(8),  
  CARDID CHAR(10) NOT NULL,  
  PRIMARY KEY (CARDID),  
  FOREIGN KEY(MEMBERID) REFERENCES MEMBER(MEMBERID)  
);
```

CREATE TABLE RENTING

```
( BOOTH_NUMBER INT,  
  SYSTEMID CHAR(10),  
  MEMBERID CHAR(10) NOT NULL,  
  HOURS INT,  
  PRIMARY KEY(MEMBERID),  
  FOREIGN KEY(MEMBERID) REFERENCES MEMBER(MEMBERID),  
  FOREIGN KEY(BOOTH_NUMBER) REFERENCES BOOTH(BOOTH_NUMBER),  
  FOREIGN KEY(SYSTEMID) REFERENCES SYSTEM(SYSTEMID)  
);
```

CREATE TABLE SYSTEM

```
( SYSTEMID CHAR(10),  
  TYPE VARCHAR(30),  
  CONTROLLERS INT,  
  PRIMARY KEY(SYSTEMID)  
);
```

CREATE TABLE BOOTH

```
( BOOTH_NUMBER INT NOT NULL,  
  LOCATION VARCHAR(30) NOT NULL,  
  SEATS INT NOT NULL,
```

```
RESERVATION BOOLEAN NOT NULL,  
PRIMARY KEY(BOOTH_NUMBER)  
);
```

```
CREATE TABLE STAFF  
( STAFFID CHAR(10) NOT NULL,  
HOURS INT,  
SUPERSSN CHAR(11),  
SSN CHAR(11) NOT NULL,  
FNAME VARCHAR(30) NOT NULL,  
MNAME VARCHAR(20),  
LNAME VARCHAR(30) NOT NULL,  
PAY_RATE DECIMAL(4,2) NOT NULL,  
PRIMARY KEY(SSN)  
);
```

```
CREATE TABLE CUSTOMER_ORDER  
( ORDER_NUMBER CHAR(10) NOT NULL,  
MEMBERID CHAR(10) NOT NULL,  
PAYMENT_TYPE VARCHAR(10) NOT NULL,  
COST DECIMAL(6,2) NOT NULL,  
PRIMARY KEY(ORDER_NUMBER, MEMBERID),  
FOREIGN KEY(MEMBERID) REFERENCES MEMBER(MEMBERID)  
);
```

```
CREATE TABLE ORDER_CONTAINS  
( FOODID CHAR(10) NOT NULL,  
ORDER_NUMBER CHAR(10) NOT NULL,  
MEMBERID CHAR(10) NOT NULL,  
PRIMARY KEY(FOODID,ORDER_NUMBER,MEMBERID),  
FOREIGN KEY(ORDER_NUMBER, MEMBERID) REFERENCES  
CUSTOMER_ORDER(ORDER_NUMBER, MEMBERID),  
FOREIGN KEY(FOODID) REFERENCES FOOD(FOODID)  
);
```

```
CREATE TABLE FOOD  
( FOODID CHAR(10) NOT NULL,  
NAME VARCHAR(20),  
PRICE DECIMAL(5,2),  
QUANTITY INT,  
PRIMARY KEY(FOODID)  
);
```

```
CREATE TABLE MEMBER_PHONE  
( MEMBERID CHAR(10) NOT NULL,
```

```
    PHONE_NUMBER CHAR(15) NOT NULL DEFAULT 0,  
    PRIMARY KEY(MEMBERID,PHONE_NUMBER),  
    FOREIGN KEY(MEMBERID) REFERENCES MEMBER(MEMBERID)  
);
```

```
CREATE TABLE STAFF_PHONE  
( SSN CHAR(11) NOT NULL,  
  PHONE_NUMBER CHAR NOT NULL DEFAULT 0,  
  PRIMARY KEY(SSN,PHONE_NUMBER),  
  FOREIGN KEY(SSN) REFERENCES STAFF(SSN)  
);
```