```sql
CREATE DATABASE UnitCenterDB;

CREATE SCHEMA UCDB;

CREATE TABLE UCDB.Login(

Username      VARCHAR(12) PRIMARY KEY,

Password      VARCHAR(8) NOT NULL,

AccessKey     CHAR(12) OPTIONAL,

);


CREATE TABLE UCDB.Area(

AreaID        SMALLINT PRIMARY KEY,

Name          VARCHAR(16) NOT NULL,

);


INSERT INTO UCDB.Area(AreaID,Name)
VALUES (1, 'Aveiro');


CREATE TABLE UCDB.RadarPermissions(

Username      VARCHAR(12),

RadarID       SMALLINT,

Permission    CHAR(3) not null,

FOREIGN KEY(Username) REFERENCES UCDB.Login(Username),

FOREIGN KEY(RadarID) REFERENCES UCDB.Radar(ID),

);


INSERT INTO UCDB.RadarPermissions(AreaID,RadarID)
VALUES (1, 1);
```

```sql
CREATE TABLE UCDB.CameraPermissions(

AreaID          SMALLINT,

CameraID        SMALLINT ,

FOREIGN KEY(AreaID) REFERENCES UCDB.AREA(AreaID),

FOREIGN KEY(CameraID) REFERENCES UCDB.Camera(ID),

);


CREATE TABLE UCDB.SensorPermissions(

AreaID          SMALLINT,

SensorID        SMALLINT PRIMARY KEY,

FOREIGN KEY(AreaID) REFERENCES UCDB.AREA(AreaID),

FOREIGN KEY(SensorID) REFERENCES UCDB.Radar(ID),

);



CREATE TABLE UCDB.Radar(

AreaID          SMALLINT ,

ID              SMALLINT PRIMARY KEY,

FOREIGN KEY(AreaID) REFERENCES UCDB.AREA(AreaID),

);
INSERT INTO UCDB.Radar(AreaID,RadarID)
VALUES (1, 1);



CREATE TABLE UCDB.Camera(

AreaID          SMALLINT,

ID              SMALLINT PRIMARY KEY,

FOREIGN KEY(AreaID) REFERENCES UCDB.AREA(AreaID),

);
```

```
CREATE TABLE UCDB.Sensor(

AreaID          SMALLINT,

ID              SMALLINT PRIMARY KEY,

FOREIGN KEY(AreaID) REFERENCES UCDB.AREA(AreaID),

);
```