

```
CREATE TABLE PRJ_BRANCH
(
  BRANCHID INT NOT NULL,
  BRANCHPHONE INT NOT NULL,
  BRANCHFAX INT NOT NULL,
  BRANCHADDRESS VARCHAR(20) NOT NULL,
  BRANCHCITY VARCHAR(20) NOTNULL,
  BRANCHSTATE VARCHAR(2) NOT NULL,
  BRANCHZIPCODE INT NOT NULL,
  CONSTRAINT BRANCH_PK PRIMARY KEY (BRANCHID));
```

```
CREATE TABLE PRJ_ROSTER
(
  SUPERVISORID INT NOT NULL,
  STAFFID INT,
  BRANCHID INT NOT NULL,
  CONSTRAINT ROSTER_PK PRIMARY KEY (SUPERVISORID),
  CONSTRAINT ROSTER_FK1 FOREIGN KEY (SUPERVISORID) REFERENCES PRJ_BRANCHSTAFF(SUPERVISORID, BRANCHID),
  CONSTRAINT ROSTER_FK2 FOREIGN KEY (STAFFID) REFERENCES PRJ_STAFF(STAFFID),
  CONSTRAINT ROSTER_FK3 FOREIGN KEY (BRANCHID) REFERENCES PRJ_BRANCHID(BRANCHID));
```

```
CREATE TABLE PRJ_STAFF
(
  STAFFID INT NOT NULL,
  STAFFFIRNAME VARCHAR(20) NOT NULL,
  STAFFLASNAME VARCHAR(20) NOT NULL,
  STAFFADDRESS VARCHAR(30) NOT NULL,
  STAFFCITY VARCHAR(25) NOT NULL,
  STAFFSTATE VARCHAR(2) NOT NULL,
  STAFFZIPCODE INT NOT NULL,
  STAFFPHONE INT NOT NULL,
  STAFFSEX VARCHAR(10) NOT NULL,
  STAFFDOB DATE NOT NULL,
  STAFFSS INT NOT NULL,
  STAFFPOSITION VARCHAR(10) NOT NULL,
  STAFFSALARY MONEY NOT NULL,
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STAFFSTARTDATE DATE NOT NULL,  
BRANCHID INT NOT NULL,  
CONSTRAINT STAFF_PK PRIMARY KEY (STAFFID),  
CONSTRAINT STAFF_FK1 FOREIGN KEY (BRANCHID) REFERENCES PRJ_BRANCH(BRANCHID));
```

```
CREATE TABLE PRJ_NEXTOFKIN  
(  
NOKFIRNAME VARCHAR(20) NOT NULL,  
NOKLASNAME VARCHAR(20) NOT NULL,  
STAFFID INT NOT NULL,  
NOKRELATIONSHIP VARCHAR(10) NOT NULL,  
NOKADDRESS VARCHAR(30) NOT NULL,  
NOKCITY VARCHAR(25),  
NOKSTATE VARCHAR(2),  
NOKPHONE INT NOT NULL,  
CONSTRAINT NEXTOFKIN_PK PRIMARY KEY (NOKFIRNAME, NOKLASNAME, STAFFID),  
CONSTRAINT NEXTOFKIN_FK1 FOREIGN KEY (STAFFID) REFERENCES PRJ_STAFF(STAFFID));
```

```
CREATE TABLE PRJ_OWNER  
(  
OWNERID INT NOT NULL,  
OWNERFIRNAME VARCHAR(20) NOT NULL,  
OWNERLASNAME VARCHAR(20) NOT NULL,  
OWNERADDRESS VARCHAR(30) NOT NULL,  
OWNERCITY VARCHAR(10) NOT NULL,  
OWNERSTATE VARCHAR(2) NOT NULL,  
OWNERZIPCODE INT NOT NULL,  
OWNERPHONE INT NOT NULL,  
BUSINESSTYPE BOOLEAN NOT NULL,  
CONSTRAINT OWNER_PK PRIMARY KEY (OWNERID));
```

```
CREATE TABLE PRJ_CLIENT  
(  
RENTERID INT NOT NULL,  
CLIENTFIRNAME VARCHAR(20) NOT NULL,  
CLIENTLASNAME VARCHAR(20) NOT NULL,
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CLIENTADDRESS VARCHAR(30) NOT NULL,
CLIENTCITY VARCHAR(10) NOT NULL,
CLIENTSTATE VARCHAR(2) NOT NULL,
CLIENTZIPCODE INT NOT NULL,
CLIENTPHONE INT NOT NULL,
RENTERPREFERRED VARCHAR(10),
RENTERMAXRENT MONEY,
INTERVIEWDATE DATE,
INTERVIEWERID INT,
RENTERCOMMENTS VARCHAR(250),
CONSTRAINT CLIENT_PK PRIMARY KEY (RENTERID),
CONSTRAINT CLIENT_FK1 FOREIGN KEY (INTERVIEWERID) REFERENCES PRJ_STAFF(STAFFID));

CREATE TABLE PRJ_SECRETARY
(
SECRETARYID INT NOT NULL,
TYPINGSPEED INT NOT NULL,
CONSTRAINT SECRETARY_PK PRIMARY KEY (SECRETARYID),
CONSTRAINT SECRETARY_FK1 FOREIGN KEY (SECRETARYID) REFERENCES PRJ_STAFF(STAFFID));

CREATE TABLE PRJ_MANAGER
(
MANAGERID INT NOT NULL,
MANAGERDATE DATE NOT NULL,
CARALLOWANCE MONEY NOT NULL,
MONTHLYBONUS MONEY NOT NULL,
CONSTRAINT MANAGER_PK PRIMARY KEY (MANAGERID),
CONSTRAINT MANAGER_FK1 FOREIGN KEY (MANAGERID) REFERENCES PRJ_STAFF(STAFFID));

CREATE TABLE PRJ_PROPERTYVIEWING
(
RENTERID INT NOT NULL,
PROPERTYID INT NOT NULL,
VIEWINGDATE DATE NOT NULL,
STAFFID INT NOT NULL,
VIEWINGCOMMENTS VARCHAR(250),

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CONSTRAINT PROPERTYVIEWING_PK PRIMARY KEY (RENTERID, PROPERTYID, VIEWINGDATE),
CONSTRAINT PROPERTYVIEWING_FK1 FOREIGN KEY (RENTERID) REFERENCES PRJ_CLIENT(RENTERID),
CONSTRAINT PROPERTYVIEWING_FK2 FOREIGN KEY (PROPERTYID) REFERENCES PRJ_RENTALS(PROPERTYID),
CONSTRAINT PROPERTYVIEWING_FK3 FOREIGN KEY (STAFFID) REFERENCES PRJ_STAFF(STAFFID));
```

```
CREATE TABLE PRJ_RENTALS
(
PROPERTYID INT NOT NULL,
BRANCHID INT NOT NULL,
OWNERID INT NOT NULL,
PROPERTYADDRESS VARCHAR(30) NOT NULL,
PROPERTYCITY VARCHAR(10) NOT NULL,
PROPERTYSTATE VARCHAR(2) NOT NULL,
PROPERTYZIPCODE INT NOT NULL,
PROPERTYTYPE VARCHAR(10) NOT NULL,
PROPERTYIDROOMS INT NOT NULL,
PROPERTYRENT MONEY NOT NULL,
ACTIVESTATUS VARCHAR NOT NULL,
PROPERTYINSPECTION DATE NOT NULL,
CONSTRAINT RENTALS_PK PRIMARY KEY (PROPERTYID),
CONSTRAINT RENTALS_FK1 FOREIGN KEY (BRANCHID) REFERENCES PRJ_BRANCH(BRANCHID),
CONSTRAINT RENTALS_FK2 FOREIGN KEY (OWNERID) REFERENCES PRJ_OWNER(OWNERID));
```

```
CREATE TABLE PRJ_ADVERTISEMENT
(
NEWSPAPERNAME VARCHAR(20) NOT NULL,
PROPERTYID INT NOT NULL,
NEWSPAPERADDRESS VARCHAR(30) NOT NULL,
NEWSPAPERCITY VARCHAR(10) NOT NULL,
NEWSPAPERSTATE VARCHAR(2) NOT NULL,
NEWSPAPERZIPCODE INT NOT NULL,
NEWSPAPERPHONE INT NOT NULL,
NEWSPAPERFAX INT NOT NULL,
NEWSPAPERCONTACT VARCHAR(30) NOT NULL,
CONSTRAINT ADVERTISEMENT_PK PRIMARY KEY (NEWSPAPERNAME, PROPERTYID),
CONSTRAINT ADVERTISEMENT_FK1 FOREIGN KEY (PROPERTYID) REFERENCES PRJ_RENTALS(PROPERTYID));
```

```
CREATE TABLE PRL_LEASEAGREEMENT
(
LEASEID INT NOT NULL,
MONTHLEASE DATE NOT NULL,
LEASERENT MONEY NOT NULL,
LEASEPAYMENTMETHOD VARCHAR(10) NOT NULL,
LEASEDEPOSIT MONEY NOT NULL,
LEASEPAID VARCHAR NOT NULL,
LEASESTARTDATE DATE NOT NULL,
LEASEFINISHDATE DATE,
LEASEDURATION INT NOT NULL,
RENTERID INT NOT NULL,
PROPERTYID INT NOT NULL,
STAFFID INT NOT NULL,
CONSTRAINT LEASEAGREEMENT_PK PRIMARY KEY (LEASEID),
CONSTRAINT LEASEAGREEMENT_FK1 FOREIGN KEY (RENTERID) REFERENCES PRJ_CLIENT(RENTERID),
CONSTRAINT LEASEAGREEMENT_FK2 FOREIGN KEY (PROPERTYID) REFERENCES PRJ_RENTALS(PROPERTYID),
CONSTRAINT LEASEAGREEMENT_FK3 FOREIGN KEY (STAFFID) REFERENCES PRJ_STAFF(STAFFID));
```