ER Diagram of Property Management
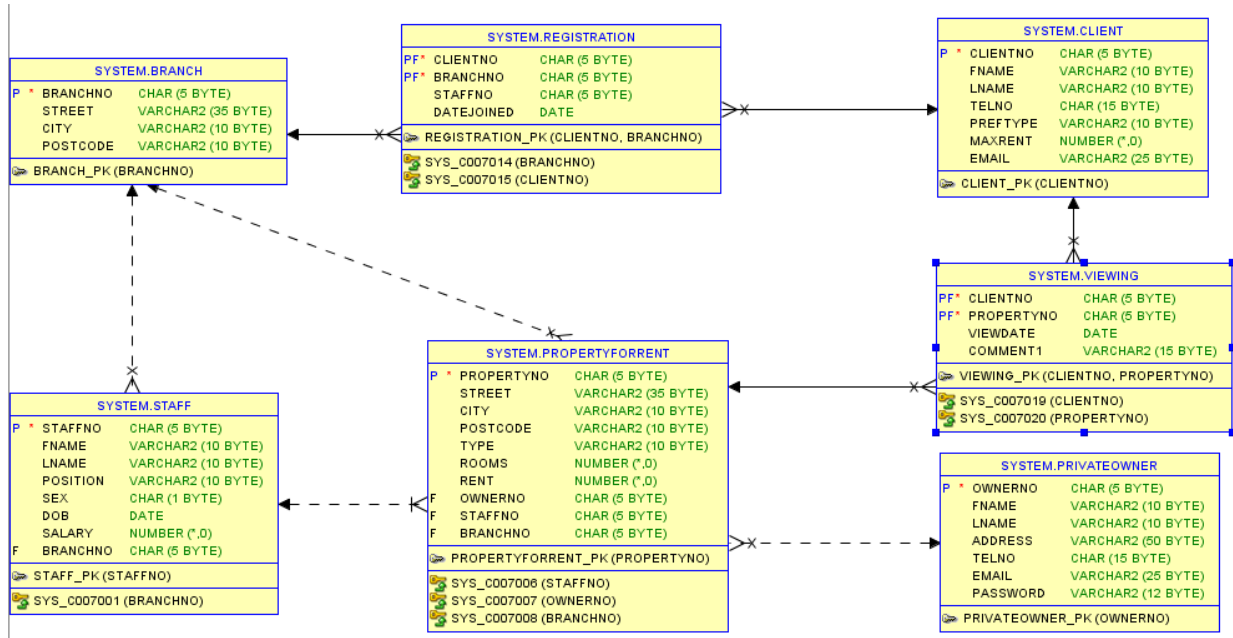
Oracle

SYSTEM.BRANCH

P	* BRANCHNO	CHAR (5 BYTE)
	STREET	VARCHAR2 (35 BYTE)
	CITY	VARCHAR2 (10 BYTE)
	POSTCODE	VARCHAR2 (10 BYTE)

BRANCH_PK (BRANCHNO)

SYSTEM.REGISTRATION

PF*	CLIENTNO	CHAR (5 BYTE)
PF*	BRANCHNO	CHAR (5 BYTE)
	STAFFNO	CHAR (5 BYTE)
	DATEJOINED	DATE

REGISTRATION_PK (CLIENTNO, BRANCHNO)

SYS_C007014 (BRANCHNO)
SYS_C007015 (CLIENTNO)

SYSTEM.CLIENT

P	* CLIENTNO	CHAR (5 BYTE)
	FNAME	VARCHAR2 (10 BYTE)
	LNAME	VARCHAR2 (10 BYTE)
	TELNO	CHAR (15 BYTE)
	PREFTYPE	VARCHAR2 (10 BYTE)
	MAXRENT	NUMBER (*,0)
	EMAIL	VARCHAR2 (25 BYTE)

CLIENT_PK (CLIENTNO)

SYSTEM.VIEWING

PF*	CLIENTNO	CHAR (5 BYTE)
PF*	PROPERTYNO	CHAR (5 BYTE)
	VIEWDATE	DATE
	COMMENT1	VARCHAR2 (15 BYTE)

VIEWING_PK (CLIENTNO, PROPERTYNO)

SYS_C007019 (CLIENTNO)
SYS_C007020 (PROPERTYNO)

SYSTEM.PROPERTYFORRENT

P	* PROPERTYNO	CHAR (5 BYTE)
	STREET	VARCHAR2 (35 BYTE)
	CITY	VARCHAR2 (10 BYTE)
	POSTCODE	VARCHAR2 (10 BYTE)
	TYPE	VARCHAR2 (10 BYTE)
	ROOMS	NUMBER (*,0)
	RENT	NUMBER (*,0)
F	OWNERNO	CHAR (5 BYTE)
F	STAFFNO	CHAR (5 BYTE)
F	BRANCHNO	CHAR (5 BYTE)

PROPERTYFORRENT_PK (PROPERTYNO)

SYS_C007006 (STAFFNO)
SYS_C007007 (OWNERNO)
SYS_C007008 (BRANCHNO)

SYSTEM.STAFF

P	* STAFFNO	CHAR (5 BYTE)
	FNAME	VARCHAR2 (10 BYTE)
	LNAME	VARCHAR2 (10 BYTE)
	POSITION	VARCHAR2 (10 BYTE)
	SEX	CHAR (1 BYTE)
	DOB	DATE
	SALARY	NUMBER (*,0)
F	BRANCHNO	CHAR (5 BYTE)

STAFF_PK (STAFFNO)

SYS_C007001 (BRANCHNO)

SYSTEM.PRIVATEOWNER

P	* OWNERNO	CHAR (5 BYTE)
	FNAME	VARCHAR2 (10 BYTE)
	LNAME	VARCHAR2 (10 BYTE)
	ADDRESS	VARCHAR2 (50 BYTE)
	TELNO	CHAR (15 BYTE)
	EMAIL	VARCHAR2 (25 BYTE)
	PASSWORD	VARCHAR2 (12 BYTE)

PRIVATEOWNER_PK (OWNERNO)

MySQL

branch
- 🔑 branchno CHAR(5)
- ◇ street VARCHAR(35)
- ◇ city VARCHAR(10)
- ◇ postcode VARCHAR(10)
- Indexes ▶

registration
- 🔑 clientNo CHAR(5)
- 🔑 branchNo CHAR(5)
- ◇ staffNo CHAR(5)
- ◇ dateJoined DATE
- Indexes ▶

client
- 🔑 clientno CHAR(5)
- ◇ fname VARCHAR(10)
- ◇ lname VARCHAR(10)
- ◇ telno CHAR(15)
- ◇ preftype VARCHAR(10)
- ◇ maxrent INT(11)
- ◇ eMail VARCHAR(25)
- Indexes ▶

propertyforrent
- 🔑 propertyno CHAR(5)
- ◇ street VARCHAR(35)
- ◇ city VARCHAR(10)
- ◇ postcode VARCHAR(10)
- ◇ type VARCHAR(10)
- ◇ rooms SMALLINT(6)
- ◇ rent INT(11)
- ◇ ownerno CHAR(5)
- ◇ staffno CHAR(5)
- ◇ branchno CHAR(5)
- Indexes ▶

staff
- 🔑 staffno CHAR(5)
- ◇ fname VARCHAR(10)
- ◇ lname VARCHAR(10)
- ◇ position VARCHAR(10)
- ◇ sex CHAR(1)
- ◇ dob DATE
- ◇ salary SMALLINT(6)
- ◇ branchno CHAR(5)
- Indexes ▶

viewing
- 🔑 clientno CHAR(5)
- 🔑 propertyno CHAR(5)
- ◇ viewdate DATE
- ◇ comment1 VARCHAR(15)
- Indexes ▶

privateowner
- 🔑 ownerno CHAR(5)
- ◇ fname VARCHAR(10)
- ◇ lname VARCHAR(10)
- ◇ address VARCHAR(50)
- ◇ telno CHAR(15)
- ◇ email VARCHAR(25)
- ◇ password VARCHAR(12)
- Indexes ▶