Base de données du site de l'agence Hellenic
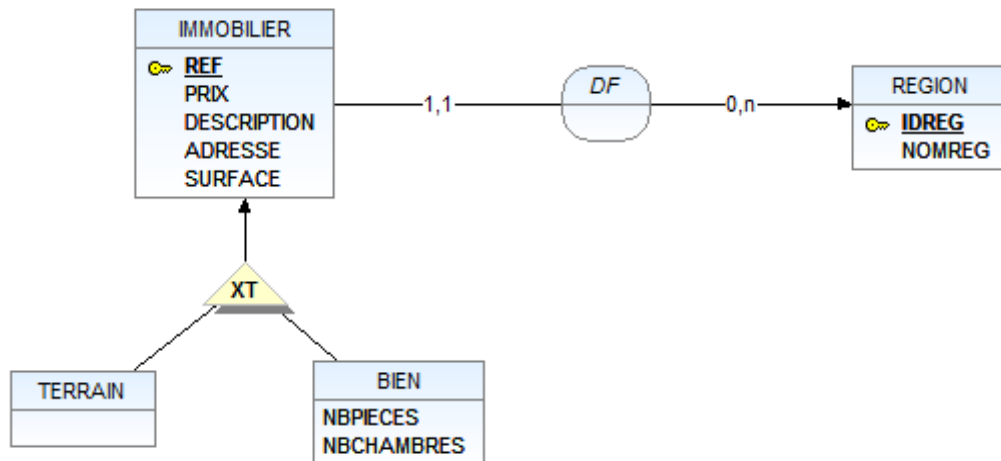

```
-------------------------------------------------------------------------
--      CREATION DE LA BASE
-------------------------------------------------------------------------

CREATE DATABASE MLR1;


-------------------------------------------------------------------------
--      TABLE : REGION
-------------------------------------------------------------------------

CREATE TABLE REGION (
        IDREG char(32) NOT NULL,
        NOMREG char(32) NULL,
        CONSTRAINT PK_REGION PRIMARY KEY (IDREG) );


-------------------------------------------------------------------------
--      TABLE : TERRAIN
-------------------------------------------------------------------------

CREATE TABLE TERRAIN (
        REF char(32) NOT NULL,
        PRIX char(32) NULl,
        DESCRIPTION char(32) NULL,
        ADRESSE char(32) NULL,
        SURFACE char(32) NULL,
        CONSTRAINT PK_TERRAIN PRIMARY KEY (REF) );
```

```
--------------------------------------------------------------------------------
--      TABLE : BIEN
--------------------------------------------------------------------------------

CREATE TABLE BIEN (
        REF char(32) NOT NULL,
        IDREG char(32) NOT NULL,
        PRIX char(32) NULL,
        DESCRIPTION char(32) NULL,
        ADRESSE char(32) NULL,
        SURFACE char(32) NULL,
        CONSTRAINT PK_BIEN PRIMARY KEY (REF) );


--------------------------------------------------------------------------------
--      INDEX DE LA TABLE BIEN
--------------------------------------------------------------------------------

CREATE  INDEX I_FK_BIEN_REGION
        ON BIEN (IDREG) ;


--------------------------------------------------------------------------------
--      TABLE : PHOTO
--------------------------------------------------------------------------------

CREATE TABLE PHOTO (
        URLPHOTO char(32) NOT NULL,
        REF char(32) NOT NULL,
        NOMPHOTO char(32) NULL,
        DESCRIPTIONPHOTO char(32) NULL,
        CONSTRAINT PK_PHOTO PRIMARY KEY (URLPHOTO)  );


--------------------------------------------------------------------------------
--      INDEX DE LA TABLE PHOTO
--------------------------------------------------------------------------------

CREATE  INDEX I_FK_PHOTO_BIEN
        ON PHOTO (REF) ;


--------------------------------------------------------------------------------
--      TABLE : CLIENT
--------------------------------------------------------------------------------

CREATE TABLE CLIENT (
        IDCLI char(32) NOT NULL,
        NOMCLI char(32) NULL,
        PRENOMCLI char(32) NULL,
        ADRESSECLI char(32) NULL,
        CONSTRAINT PK_CLIENT PRIMARY KEY (IDCLI) );
```

```
--------------------------------------------------------------------------------
--      TABLE : RESERVATION
--------------------------------------------------------------------------------

CREATE TABLE RESERVATION (
        IDRES char(32) NOT NULL,
        REF char(32) NOT NULL,
        IDCLI char(32) NOT NULL,
        DATERES char(32) NULL,
        DATEVENTE char(32) NULL,
        CONSTRAINT PK_RESERVATION PRIMARY KEY (IDRES)  );


--------------------------------------------------------------------------------
--      INDEX DE LA TABLE RESERVATION
--------------------------------------------------------------------------------

CREATE  INDEX I_FK_RESERVATION_BIEN
        ON RESERVATION (REF) ;

CREATE  INDEX I_FK_RESERVATION_CLIENT
        ON RESERVATION (IDCLI) ;


--------------------------------------------------------------------------------
--      CREATION DES REFERENCES DE TABLE
--------------------------------------------------------------------------------

ALTER TABLE IMMOBILIER ADD
    CONSTRAINT FK_IMMOBILIER_BIEN
        FOREIGN KEY (REF)
            REFERENCES BIEN (REF);

ALTER TABLE TERRAIN ADD
    CONSTRAINT FK_TERRAIN_BIEN
        FOREIGN KEY (REF)
            REFERENCES BIEN (REF);

ALTER TABLE BIEN ADD
    CONSTRAINT FK_BIEN_REGION
        FOREIGN KEY (IDREG)
            REFERENCES REGION (IDREG);

ALTER TABLE PHOTO ADD
    CONSTRAINT FK_PHOTO_BIEN
        FOREIGN KEY (REF)
            REFERENCES BIEN (REF);

ALTER TABLE RESERVATION ADD
    CONSTRAINT FK_RESERVATION_BIEN
        FOREIGN KEY (REF)
            REFERENCES BIEN (REF);

ALTER TABLE RESERVATION ADD
    CONSTRAINT FK_RESERVATION_CLIENT
        FOREIGN KEY (IDCLI)
            REFERENCES CLIENT (IDCLI);
```