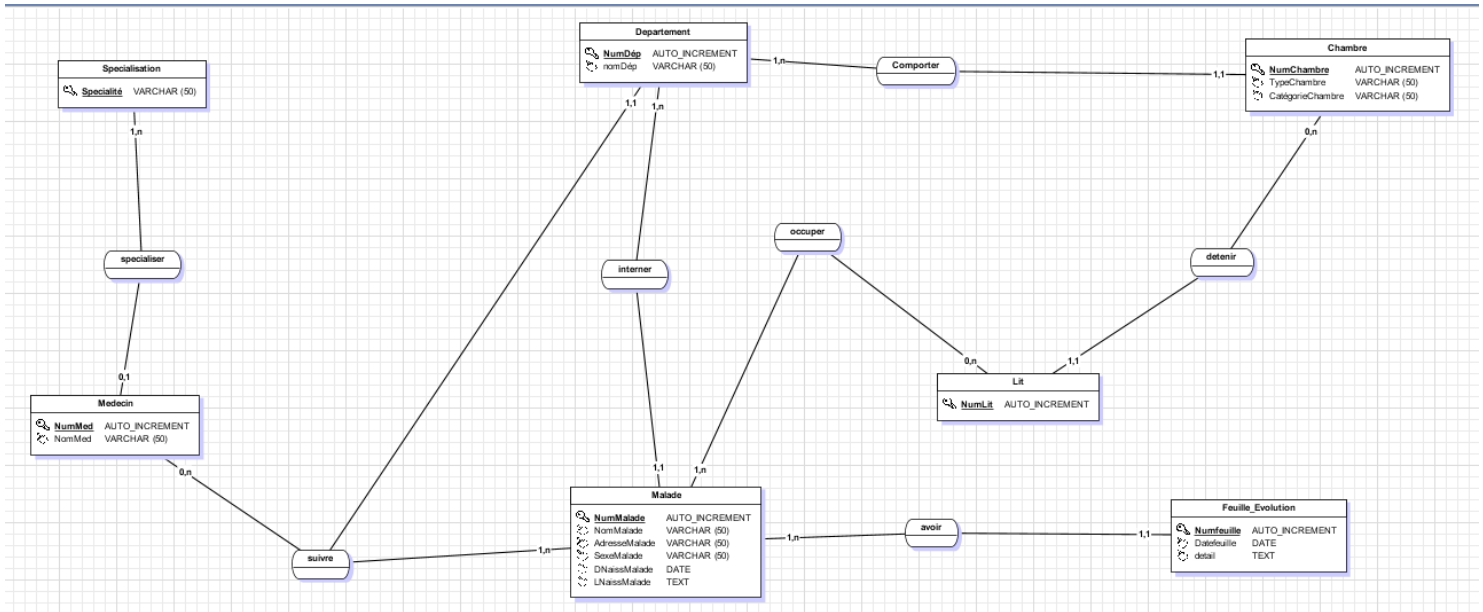
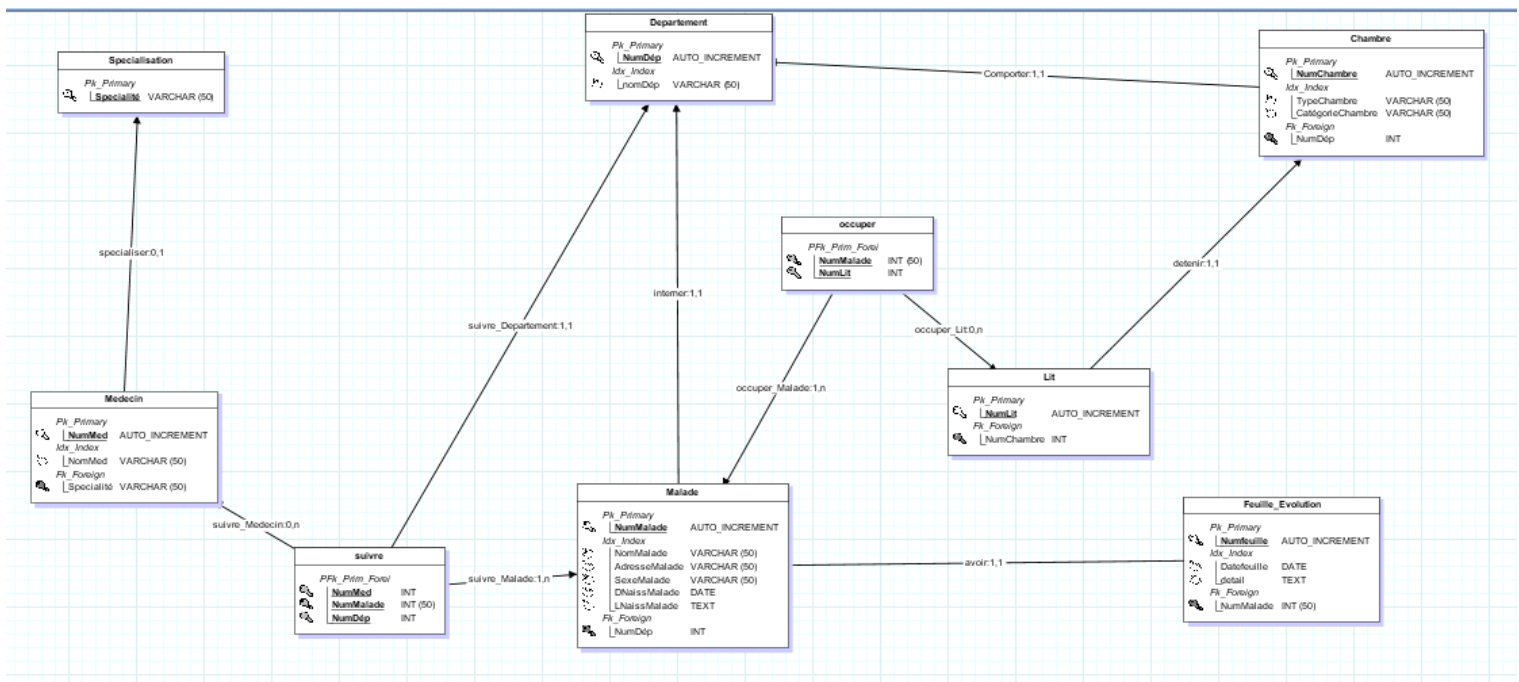


# REQUETES SQL APPLICATION GESTION CLINIQUE

➤ MCD



➤ MLD



#-----

# Script MySQL.

#-----

# REQUETES SQL APPLICATION GESTION CLINIQUE

#-----

# Table: Departement

#-----

```
CREATE TABLE Departement(  
    NumDep Int Auto_increment NOT NULL ,  
    nomDep Varchar (50) NOT NULL  
    ,CONSTRAINT Departement_Idx INDEX (nomDep)  
    ,CONSTRAINT Departement_PK PRIMARY KEY (NumDep)  
)ENGINE=InnoDB;
```

#-----

# Table: Chambre

#-----

```
CREATE TABLE Chambre(  
    NumChambre Int Auto_increment NOT NULL ,  
    TypeChambre Varchar (50) NOT NULL ,  
    CategorieChambre Varchar (50) NOT NULL ,  
    NumDep Int NOT NULL  
    ,CONSTRAINT Chambre_Idx INDEX (TypeChambre,CategorieChambre)  
    ,CONSTRAINT Chambre_PK PRIMARY KEY (NumChambre)  
  
    ,CONSTRAINT Chambre_Departement_FK FOREIGN KEY (NumDep) REFERENCES  
    Departement(NumDep)  
)ENGINE=InnoDB;
```

#-----

# Table: Lit

#-----

# REQUETES SQL APPLICATION GESTION CLINIQUE

```
CREATE TABLE Lit(
```

```
    NumLit    Int Auto_increment NOT NULL ,
```

```
    NumChambre Int NOT NULL
```

```
,CONSTRAINT Lit_PK PRIMARY KEY (NumLit)
```

```
    ,CONSTRAINT Lit_Chambre_FK FOREIGN KEY (NumChambre) REFERENCES  
Chambre(NumChambre)
```

```
)ENGINE=InnoDB;
```

```
#-----
```

```
# Table: Malade
```

```
#-----
```

```
CREATE TABLE Malade(
```

```
    NumMalade    Int Auto_increment NOT NULL ,
```

```
    NomMalade    Varchar (50) NOT NULL ,
```

```
    AdresseMalade Varchar (50) NOT NULL ,
```

```
    SexeMalade    Varchar (50) NOT NULL ,
```

```
    DNaissMalade  Date NOT NULL ,
```

```
    LNaissMalade  Text NOT NULL ,
```

```
    NumDep        Int NOT NULL
```

```
    ,CONSTRAINT Malade_Idx INDEX  
(NomMalade,AdresseMalade,SexeMalade,DNaissMalade,LNaissMalade)
```

```
    ,CONSTRAINT Malade_PK PRIMARY KEY (NumMalade)
```

```
    ,CONSTRAINT Malade_Departement_FK FOREIGN KEY (NumDep) REFERENCES  
Departement(NumDep)
```

```
)ENGINE=InnoDB;
```

```
#-----
```

```
# Table: Feuille_Evolution
```

# REQUETES SQL APPLICATION GESTION CLINIQUE

#-----

```
CREATE TABLE Feuille_Evolution(  
    Numfeuille Int Auto_increment NOT NULL ,  
    Datefeuille Date NOT NULL ,  
    detail Text NOT NULL ,  
    NumMalade Int NOT NULL  
    ,CONSTRAINT Feuille_Evolution_Idx INDEX (Datefeuille,detail)  
    ,CONSTRAINT Feuille_Evolution_PK PRIMARY KEY (Numfeuille)  
  
    ,CONSTRAINT Feuille_Evolution_Malade_FK FOREIGN KEY (NumMalade)  
REFERENCES Malade(NumMalade)  
)ENGINE=InnoDB;
```

#-----

# Table: Specialisation

#-----

```
CREATE TABLE Specialisation(  
    Specialite Varchar (50) NOT NULL  
    ,CONSTRAINT Specialisation_PK PRIMARY KEY (Specialite)  
)ENGINE=InnoDB;
```

#-----

# Table: Medecin

#-----

```
CREATE TABLE Medecin(  
    NumMed Int Auto_increment NOT NULL ,  
    NomMed Varchar (50) NOT NULL ,  
    Specialite Varchar (50)
```

# REQUETES SQL APPLICATION GESTION CLINIQUE

```
,CONSTRAINT Medecin_Idx INDEX (NomMed)
```

```
,CONSTRAINT Medecin_PK PRIMARY KEY (NumMed)
```

```
,CONSTRAINT Medecin_Specialisation_FK FOREIGN KEY (Specialite) REFERENCES  
Specialisation(Specialite)
```

```
)ENGINE=InnoDB;
```

```
#-----
```

```
# Table: occuper
```

```
#-----
```

```
CREATE TABLE occuper(  
    NumMalade Int NOT NULL ,  
    NumLit    Int NOT NULL  
    ,CONSTRAINT occuper_PK PRIMARY KEY (NumMalade,NumLit)
```

```
,CONSTRAINT occuper_Malade_FK FOREIGN KEY (NumMalade) REFERENCES  
Malade(NumMalade)
```

```
,CONSTRAINT occuper_Lit0_FK FOREIGN KEY (NumLit) REFERENCES Lit(NumLit)
```

```
)ENGINE=InnoDB;
```

```
#-----
```

```
# Table: suivre
```

```
#-----
```

```
CREATE TABLE suivre(  
    NumMed    Int NOT NULL ,  
    NumMalade Int NOT NULL ,  
    NumDep    Int NOT NULL  
    ,CONSTRAINT suivre_PK PRIMARY KEY (NumMed,NumMalade,NumDep)
```

# REQUETES SQL APPLICATION GESTION CLINIQUE

,CONSTRAINT suivre\_Medecin\_FK FOREIGN KEY (NumMed) REFERENCES  
Medecin(NumMed)

,CONSTRAINT suivre\_Malade0\_FK FOREIGN KEY (NumMalade) REFERENCES  
Malade(NumMalade)

,CONSTRAINT suivre\_Departement1\_FK FOREIGN KEY (NumDep) REFERENCES  
Departement(NumDep)

)ENGINE=InnoDB;

1.

```
SELECT m.NumMed,m.NomMed FROM medecin m WHERE m.Specialite='S1';
```

2.

```
SELECT DISTINCT * FROM `specialisation` ;
```

3.

```
SELECT ma.NumMalade,ma.NomMalade,ma.DNaissMalade FROM malade ma WHERE ma.SexeMalade='H'  
ORDER BY ma.DNaissMalade DESC ;
```

4.

```
SELECT * FROM `malade` WHERE malade.SexeMalade='F' AND malade.AdresseMalade LIKE '%p%'  
ORDER BY malade.NomMalade
```

5.

```
SELECT ma.NumMalade,ma.NomMalade,ma.DNaissMalade,c.* FROM malade ma ,occuper o, lit l,  
chambre c WHERE ma.NumMalade=o.NumMalade AND l.NumLit=o.NumLit AND l.NumChambre=c.NumCh  
ambre
```

6.

```
SELECT ma.NumMalade,ma.NomMalade,ma.DNaissMalade,dep.NumDep,dep.NomDep FROM malade ma,  
departement dep WHERE ma.NumDep=dep.NumDep AND ma.DNaissMalade='22-04-2012';
```

7.

```
SELECT ma.NumMalade ,ma.NomMalade,ma.DNaissMalade FROM malade ma,suivre su,medecin me  
WHERE (ma.NumMalade=su.NumMalade AND me.NumMed=su.NumMed AND me.NomMed='M3');
```

8.

```
SELECT ma.NumMalade,ma.NomMalade,ma.DNaissMalade FROM malade ma,suivre s,medecin me,oc  
cuper o,lit l WHERE ma.NumMalade=s.NumMalade AND s.NumMed=me.NumMed AND me.NumMed=3 AN  
D ma.NumMalade=o.NumMalade AND l.NumLit=o.NumLit AND l.NumLit=21;
```

# REQUETES SQL APPLICATION GESTION CLINIQUE

9.

```
SELECT ma.NumMalade,ma.NomMalade,ma.DNaissMalade FROM malade ma,occuper o,lit l WHERE  
ma.NumMalade=o.NumMalade AND l.NumLit=o.NumLit AND l.NumLit=21 ;
```

10.

```
SELECT ma.NumMalade,ma.NomMalade,ma.DNaissMalade,f.Numfeuille,f.Datefeuille FROM feuil  
le_evolution f,malade ma WHERE ma.NumMalade=f.NumMalade AND ma.NumMalade=11 ;
```

11.

```
SELECT d.nomDep,COUNT(*) FROM malade ma ,departement d WHERE ma.NumDep=d.NumDep GROUP  
BY ma.NumDep
```

12.

```
SELECT ma.NumMalade ,ma.NomMalade,ma.AdresseMalade,ma.DNaissMalade,me.NomMed FROM mala  
de ma,suivre su,medecin me WHERE (ma.NumMalade=su.NumMalade AND me.NumMed=su.NumMed AN  
D su.NomDep='D2')
```

13.

```
SELECT ma.NumMalade,ma.NomMalade,ma.DNaissMalade,f.Datefeuille AS DATE FROM malade ma,  
departement d,feuille_evolution f WHERE ma.NumDep=d.NumDep AND ma.NumMalade=f.NumMalad  
e AND ((MONTH(f.Datefeuille)= 02) OR (MONTH(f.Datefeuille)= 12));
```

14.

```
SELECT COUNT(ma.NumMalade) AS NB_MALADE,c.NumChambre,c.CategorieChambre,c.typeChambre  
FROM malade ma,chambre c ,occuper o,lit l WHERE c.NumChambre=l.NumChambre AND l.numLit  
=o.NumLit AND o.NumMalade=ma.NumMalade GROUP BY c.NumChambre ORDER BY (ma.NumMalade) D  
ESC LIMIT 1
```

15.

```
SELECT d.*,COUNT(*) AS NB_MALADE FROM departement d, malade ma WHERE ma.NumDep=d.NumDe  
p GROUP BY ma.NumDep ORDER BY NB_MALADE DESC LIMIT 1
```

16.

```
SELECT COUNT(ma.NumMalade) AS NB_MALADE,c.NumChambre,c.CategorieChambre,c.typeChambre  
FROM malade ma,chambre c ,occuper o,lit l WHERE c.NumChambre=l.NumChambre AND l.numLit  
=o.NumLit AND o.NumMalade=ma.NumMalade GROUP BY c.NumChambre ORDER BY (ma.NumMalade)  
DESC LIMIT 1
```

17.

```
SELECT med.*,COUNT(*) AS NB_MALADE FROM medecin med,suivre su, malade ma WHERE ma.NumM  
alade=su.NumMalade AND med.NumMed=su.NumMed GROUP BY med.NumMed ORDER BY NB_MALADE DES  
C LIMIT 1;
```

18.

```
SELECT ma.NumMalade,ma.NomMalade,ma.DNaissMalade,c.NumChambre,l.NumLit FROM malade ma,  
suivre s,medecin me,occuper o,lit l,chambre c WHERE ma.NumMalade=s.NumMalade AND s.Num  
Med=me.NumMed AND me.Specialite='S2' AND ma.NumMalade=o.NumMalade AND l.NumLit=o.NumLi  
t AND l.NumChambre=c.NumChambre ;
```

# REQUETES SQL APPLICATION GESTION CLINIQUE

19. 

```
SELECT f.*,d.NomDep FROM feuille_evolution f,departement d,malade ma WHERE f.Nummalade=ma.Nummalade AND ma.NumDep=d.Numdep AND d.Numdep=2 AND MONTH(f.Datefeuille)='06' AND YEAR(f.Datefeuille)='2020' ORDER BY f.Datefeuille DESC LIMIT 1
```
20. 

```
SELECT lit.Numlit FROM lit,occuper WHERE lit.Numlit=occuper.Numlit AND MONTH(occuper.date_occuper)!='03'
```