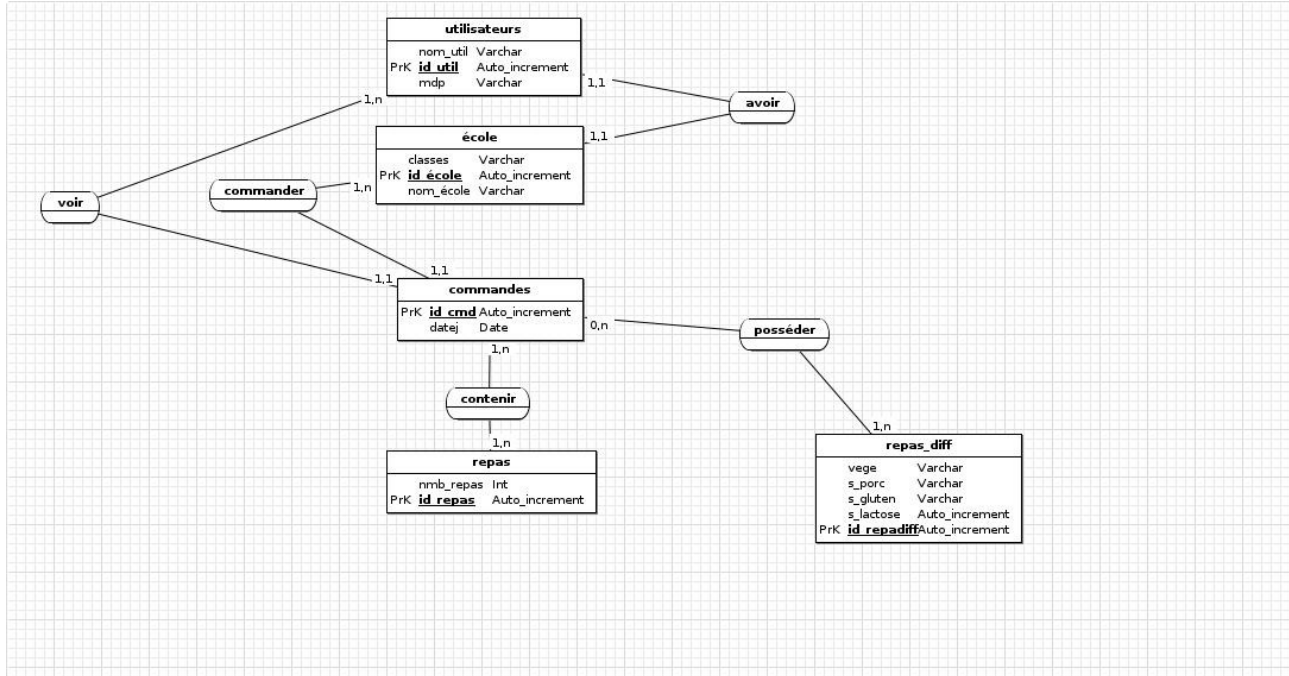
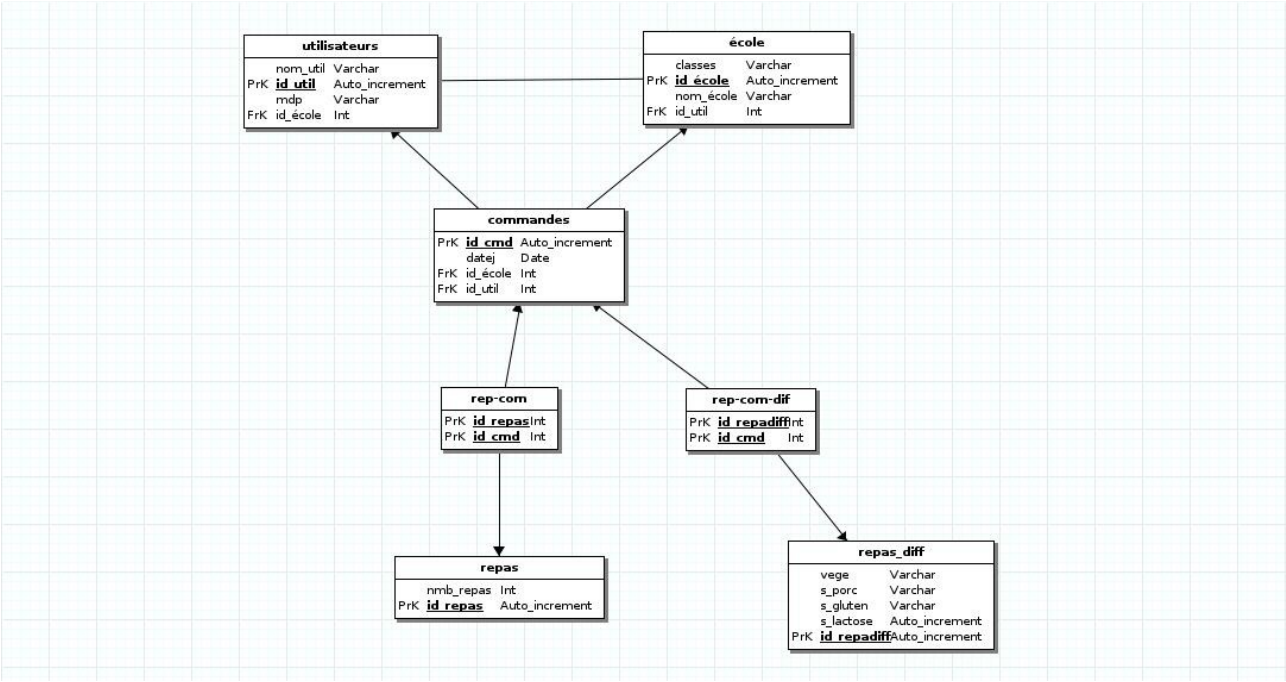


Descriptpion	Type	Longueur	Exemple	Nom_colonne	Contraintes
id_commande	N	100	1	id_cmd	Obligatoire,>=0 auto-increment
date	date	20	12/10/1997	date	Obligatoire,>0
id_ecole	N	100	1	id_ecole	Obligatoire,>=0 auto-increment
ecole	AN	30	Saint-vincent	ecole	Obligatoire,>0
id_utillisateur	N	100	1	id_util	Obligatoire,>=0 auto-increment
Mot de passe en crypt	AN	60	agrjy »é&_è »e	Mdp en crypt	Obligatoire,>0
id_ecole	N	100	1	id_ecole	Obligatoire,>== 0 auto-increment
nombre_repas	N	40	27	nmbrr_repas	Obligatoire,>0
id_repas	N	100	1	id_repas	Obligatoire,>=0 auto-increment
vegetarien	N	20	3	vege	Obligatoire,>=0
s_gluten	N	20	3	s_gluten	Obligatoire,>=0
s_porc	N	20	3	s_porc	Obligatoire,>=0
s_lactose	N	20	3	s_lactose	Obligatoire,>=0
id_repadif	N	100	1	id_repadif	Obligatoire,>=0 auto-increment

## MCD



MLD



## MLD

-----  
-- Script Postgre  
-----

-----  
-- Table: repas\_diff  
-----

```
CREATE TABLE public.repas_diff(  
    vege    VARCHAR (20) ,  
    s_porc  VARCHAR (30) ,  
    s_gluten VARCHAR (30) ,  
    s_lactose SERIAL NOT NULL ,  
    id_repadiff SERIAL NOT NULL ,  
    CONSTRAINT prk_constraint_repas_diff PRIMARY KEY (id_repadiff)  
)WITHOUT OIDS;
```

-----  
-- Table: école  
-----

```
CREATE TABLE public.ecole(  
    classes VARCHAR (10) ,  
    id_ecole SERIAL NOT NULL ,  
    nom_ecole VARCHAR (25) ,  
    id_util INT ,  
    CONSTRAINT prk_constraint_ecole PRIMARY KEY (id_ecole)  
)WITHOUT OIDS;
```

-----  
-- Table: commandes  
-----

```
CREATE TABLE public.commandes(  
    id_cmd  SERIAL NOT NULL ,  
    datej   DATE ,  
    id_ecole INT ,  
    id_util INT ,  
    CONSTRAINT prk_constraint_commandes PRIMARY KEY (id_cmd)  
)WITHOUT OIDS;
```

-----  
-- Table: utilisateurs  
-----

```
CREATE TABLE public.utilisateurs(  
    nom_util VARCHAR (60) ,  
    id_util  SERIAL NOT NULL ,  
    mdp      VARCHAR (60) ,
```

```
        id_ecole INT ,
        CONSTRAINT prk_constraint_utilisateurs PRIMARY KEY (id_util)
)WITHOUT OIDS;
```

-----  
-- Table: repas  
-----

```
CREATE TABLE public.repas(
    nmb_repas INT ,
    id_repas SERIAL NOT NULL ,
    CONSTRAINT prk_constraint_repas PRIMARY KEY (id_repas)
)WITHOUT OIDS;
```

-----  
-- Table: rep-com  
-----

```
CREATE TABLE public.rep_com(
    id_repas INT NOT NULL ,
    id_cmd INT NOT NULL ,
    CONSTRAINT prk_constraint_rep_com PRIMARY KEY (id_repas,id_cmd)
)WITHOUT OIDS;
```

-----  
-- Table: rep-com-dif  
-----

```
CREATE TABLE public.rep_com_dif(
    id_repadiff INT NOT NULL ,
    id_cmd INT NOT NULL ,
    CONSTRAINT prk_constraint_rep_com_dif PRIMARY KEY (id_repadiff,id_cmd)
)WITHOUT OIDS;
```

```
ALTER TABLE public.ecole ADD CONSTRAINT FK_ecole_id_util FOREIGN KEY (id_util)
REFERENCES public.utilisateurs(id_util);
ALTER TABLE public.commandes ADD CONSTRAINT FK_commandes_id_ecole FOREIGN
KEY (id_ecole) REFERENCES public.ecole(id_ecole);
ALTER TABLE public.commandes ADD CONSTRAINT FK_commandes_id_util FOREIGN
KEY (id_util) REFERENCES public.utilisateurs(id_util);
ALTER TABLE public.utilisateurs ADD CONSTRAINT FK_utilisateurs_id_ecole FOREIGN
KEY (id_ecole) REFERENCES public.ecole(id_ecole);
ALTER TABLE public.rep_com ADD CONSTRAINT FK_rep_com_id_repas FOREIGN KEY
(id_repas) REFERENCES public.repas(id_repas);
ALTER TABLE public.rep_com ADD CONSTRAINT FK_rep_com_id_cmd FOREIGN KEY
(id_cmd) REFERENCES public.commandes(id_cmd);
ALTER TABLE public.rep_com_dif ADD CONSTRAINT FK_rep_com_dif_id_repadiff
FOREIGN KEY (id_repadiff) REFERENCES public.repas_diff(id_repadiff);
ALTER TABLE public.rep_com_dif ADD CONSTRAINT FK_rep_com_dif_id_cmd FOREIGN
KEY (id_cmd) REFERENCES public.commandes(id_cmd);
```

