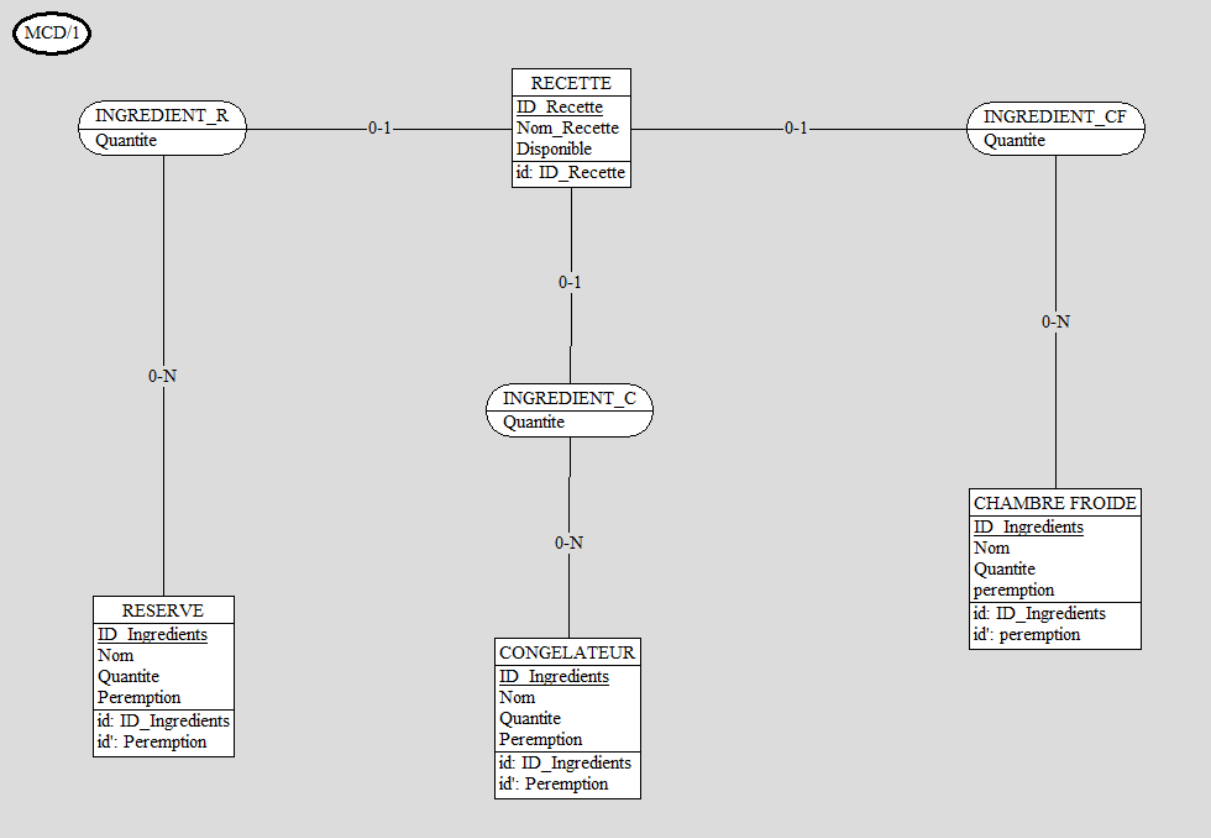
MCD



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-- ********************************************
-- * SQL MySQL generation
-- *------------------------------------------
-- * DB-MAIN version: 11.0.0
-- * Generator date: Sep  6 2018
-- * Generation date: Mon Dec 10 10:37:04 2018
-- * LUN file: D:\coren\Documents\CESI EXIA\A3\Projet Overcooked\mcd overcooked.lun
-- * Schema: MLD/1
-- ********************************************

-- Database Section
-- ________________

create database MLD;
use MLD;
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-- Tables Section
-- _____________

 create table CHAMBRE_FROIDE (
   ID_Ingredients int not null,
    Nom char(1) not null,
    Quantite int not null,
    peremption int not null,
    constraint ID_CHAMBRE_FROIDE_ID primary key (ID_Ingredients),
    constraint SID_CHAMBRE_FROIDE_ID unique (peremption));

create table CONGELATEUR (
    ID_Ingredients int not null,
    Nom char(1) not null,
    Quantite int not null,
    Peremption int not null,
    constraint ID_CONGELATEUR_ID primary key (ID_Ingredients),
    constraint SID_CONGELATEUR_ID unique (Peremption));

create table INGREDIENT_C (
    ID_Recette int not null,
    Quantite char(1) not null,
    ID_Ingredients int not null,
    constraint FKING_REC_ID primary key (ID_Recette));

create table INGREDIENT_CF (
    ID_Recette int not null,
    Quantite char(1) not null,
    ID_Ingredients int not null,
    constraint FKING_REC_1_ID primary key (ID_Recette));

create table INGREDIENT_R (
    ID_Recette int not null,
    Quantite char(1) not null,
    ID_Ingredients int not null,
    constraint FKING_REC_2_ID primary key (ID_Recette));

create table RECETTE (
    ID_Recette int not null,
    Nom_Recette char(1) not null,
    Disponible char not null,
    constraint ID_RECETTE_ID primary key (ID_Recette));

create table RESERVE (
    ID_Ingredients int not null,
    Nom char(1) not null,
    Quantite int not null,
    Peremption int not null,
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    constraint ID_RESERVE_ID primary key (ID_Ingredients),
    constraint SID_RESERVE_ID unique (Peremption));

-- Constraints Section
-- ____________________

alter table INGREDIENT_C add constraint FKING_REC_FK
    foreign key (ID_Recette)
    references RECETTE (ID_Recette);

alter table INGREDIENT_C add constraint FKING_CON_FK
    foreign key (ID_Ingredients)
    references CONGELATEUR (ID_Ingredients);

alter table INGREDIENT_CF add constraint FKING_REC_1_FK
    foreign key (ID_Recette)
    references RECETTE (ID_Recette);

alter table INGREDIENT_CF add constraint FKING_CHA_FK
    foreign key (ID_Ingredients)
    references CHAMBRE_FROIDE (ID_Ingredients);

alter table INGREDIENT_R add constraint FKING_RES_FK
    foreign key (ID_Ingredients)
    references RESERVE (ID_Ingredients);

alter table INGREDIENT_R add constraint FKING_REC_2_FK
    foreign key (ID_Recette)
    references RECETTE (ID_Recette);

-- Index Section
-- _____________

 create unique index ID_CHAMBRE_FROIDE_IND
    on CHAMBRE_FROIDE (ID_Ingredients);

create unique index SID_CHAMBRE_FROIDE_IND
    on CHAMBRE_FROIDE (peremption);

create unique index ID_CONGELATEUR_IND
    on CONGELATEUR (ID_Ingredients);

create unique index SID_CONGELATEUR_IND
    on CONGELATEUR (Peremption);

create unique index FKING_REC_IND
    on INGREDIENT_C (ID_Recette);
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create index FKING_CON_IND
    on INGREDIENT_C (ID_Ingredients);

create unique index FKING_REC_1_IND
    on INGREDIENT_CF (ID_Recette);

create index FKING_CHA_IND
    on INGREDIENT_CF (ID_Ingredients);

create index FKING_RES_IND
    on INGREDIENT_R (ID_Ingredients);

create unique index FKING_REC_2_IND
    on INGREDIENT_R (ID_Recette);

create unique index ID_RECETTE_IND
    on RECETTE (ID_Recette);

create unique index ID_RESERVE_IND
    on RESERVE (ID_Ingredients);

create unique index SID_RESERVE_IND
    on RESERVE (Peremption);
```