**GROUPE 2 : Projet Programmation Système**

MEMBRES DU GROUPE

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Script de création de la base de données

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# Script MySQL.

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#------------------------------------------------------------

# Table: Recette

#------------------------------------------------------------

CREATE TABLE Recette(

ID\_Rec Int Auto\_increment NOT NULL ,

Nom Text NOT NULL ,

Prix Int NOT NULL,

CONSTRAINT Recette\_PK PRIMARY KEY (ID\_Rec)

)ENGINE=InnoDB;

#------------------------------------------------------------

# Table: Materiel

#------------------------------------------------------------

CREATE TABLE Materiel(

ID\_Mat Int Auto\_increment NOT NULL ,

Nom Text NOT NULL ,

Quantite Int NOT NULL,

CONSTRAINT Materiel\_PK PRIMARY KEY (ID\_Mat)

)ENGINE=InnoDB;

#------------------------------------------------------------

# Table: Commande

#------------------------------------------------------------

CREATE TABLE Commande(

ID\_Com Int Auto\_increment NOT NULL ,

IDRecette Int NOT NULL ,

NomRecette Text NOT NULL ,

PrixRecette Int NOT NULL,

CONSTRAINT Commande\_PK PRIMARY KEY (ID\_Com)

)ENGINE=InnoDB;

#------------------------------------------------------------

# Table: Restaurant

#------------------------------------------------------------

CREATE TABLE Restaurant(

ID\_Rest Int Auto\_increment NOT NULL ,

Nom\_restaurant Text NOT NULL,

CONSTRAINT Restaurant\_PK PRIMARY KEY (ID\_Rest)

)ENGINE=InnoDB;

#------------------------------------------------------------

# Table: Table

#------------------------------------------------------------

CREATE TABLE Table(

ID\_Table Int Auto\_increment NOT NULL ,

Nom Text NOT NULL ,

Nombre Int NOT NULL ,

ID\_Rest Int,

CONSTRAINT Table\_PK PRIMARY KEY (ID\_Table)

)ENGINE=InnoDB;

#------------------------------------------------------------

# Table: Comprend

#------------------------------------------------------------

CREATE TABLE Comprend(

ID\_Com Int NOT NULL ,

ID\_Rec Int NOT NULL,

CONSTRAINT Comprend\_PK PRIMARY KEY (ID\_Com,ID\_Rec)

)ENGINE=InnoDB;

#------------------------------------------------------------

# Table: Contient

#------------------------------------------------------------

CREATE TABLE Contient(

ID\_Mat Int NOT NULL ,

ID\_Rest Int NOT NULL,

CONSTRAINT Contient\_PK PRIMARY KEY (ID\_Mat,ID\_Rest)

)ENGINE=InnoDB;

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# Table: StockIngredients

#------------------------------------------------------------

CREATE TABLE StockIngredients(

ID\_Stock Int Auto\_increment NOT NULL ,

Nom Text NOT NULL ,

Stock Int NOT NULL ,

Categorie Text NOT NULL ,

ID\_IngrR Int NOT NULL

,CONSTRAINT StockIngredients\_PK PRIMARY KEY (ID\_Stock)

)ENGINE=InnoDB;

#------------------------------------------------------------

# Table: IngredientRecette

#------------------------------------------------------------

CREATE TABLE IngredientRecette(

ID\_IngrR Int NOT NULL ,

Quantite Int NOT NULL ,

IDrecette Int NOT NULL ,

IDingredient Int NOT NULL ,

ID\_Rec Int NOT NULL ,

ID\_Stock Int NOT NULL,

CONSTRAINT IngredientRecette\_AK0 UNIQUE (IDrecette,IDingredient),

CONSTRAINT IngredientRecette\_PK PRIMARY KEY (ID\_IngrR)

)ENGINE=InnoDB;

ALTER TABLE Table

ADD CONSTRAINT Table\_Restaurant0\_FK

FOREIGN KEY (ID\_Rest)

REFERENCES Restaurant(ID\_Rest);

ALTER TABLE Comprend

ADD CONSTRAINT Comprend\_Commande0\_FK

FOREIGN KEY (ID\_Com)

REFERENCES Commande(ID\_Com);

ALTER TABLE Comprend

ADD CONSTRAINT Comprend\_Recette1\_FK

FOREIGN KEY (ID\_Rec)

REFERENCES Recette(ID\_Rec);

ALTER TABLE Contient

ADD CONSTRAINT Contient\_Materiel0\_FK

FOREIGN KEY (ID\_Mat)

REFERENCES Materiel(ID\_Mat);

ALTER TABLE Contient

ADD CONSTRAINT Contient\_Restaurant1\_FK

FOREIGN KEY (ID\_Rest)

REFERENCES Restaurant(ID\_Rest);

ALTER TABLE StockIngredients

ADD CONSTRAINT StockIngredients\_IngredientRecette0\_FK

FOREIGN KEY (ID\_IngrR)

REFERENCES IngredientRecette(ID\_IngrR);

ALTER TABLE StockIngredients

ADD CONSTRAINT StockIngredients\_IngredientRecette0\_AK

UNIQUE (ID\_IngrR);

ALTER TABLE IngredientRecette

ADD CONSTRAINT IngredientRecette\_Recette0\_FK

FOREIGN KEY (ID\_Rec)

REFERENCES Recette(ID\_Rec);

ALTER TABLE IngredientRecette

ADD CONSTRAINT IngredientRecette\_StockIngredients1\_FK