

Club_hippiques(ID_unique, ID_gerant, #ID_infra, #ID_concours, capacite)

```
CREATE TABLE `horse_sim`.`club_hippique` ( `ID_gerant` INT(2) NOT NULL AUTO_INCREMENT , `ID_unique` INT(2) NOT NULL , `capacite` INT(2) NOT NULL , `ID_infra` INT(2) NOT NULL , `ID_concours` INT(2) NOT NULL , PRIMARY KEY (`ID_gerant`,`ID_unique`)) ENGINE = InnoDB;
```

Concours(ID_unique, ID_concours, #ID_Item, #ID_infra , date_deb, date_fin)

```
CREATE TABLE `horse_sim`.`concours` ( `ID_concours` INT(2) NOT NULL AUTO_INCREMENT , `ID_unique` INT(2) NOT NULL , `ID_Item` INT(2) NOT NULL , `ID_infra` INT(2) NOT NULL , `date_deb` TIMESTAMP NOT NULL , `date_fin` TIMESTAMP NOT NULL , PRIMARY KEY (`ID_concours`,`ID_unique`)) ENGINE = InnoDB;
```

Centre_equestre (ID_unique, ID_equestre, #ID_gerant, #ID_infra_club, #ID_taches_auto, capacite)

```
CREATE TABLE `horse_sim`.`centre_equestre` ( `ID_equestre` INT(2) NOT NULL AUTO_INCREMENT , `ID_unique` INT(2) NOT NULL , `ID_gerant` INT(2) NOT NULL , `ID_infra_club` INT(2) NOT NULL , `ID_taches_auto` INT(2) NOT NULL , `capacite` INT(3) NOT NULL , PRIMARY KEY (`ID_equestre`,`ID_unique`)) ENGINE = InnoDB;
```

Infrastructure (ID_unique, ID_infra, #ID_accomodation_capacity, #ID_items, type, niveau, description, infrastructure_family, prix, ressource_consumption)

```
CREATE TABLE `horse_sim`.`infrastructure` ( `ID_infra` INT(2) NOT NULL AUTO_INCREMENT , `ID_unique` INT(2) NOT NULL , `ID_accomodation_capacity` INT(2) NOT NULL , `ID_items` INT(2) NOT NULL , `type` VARCHAR(10) NOT NULL , `niveau` INT(1) NOT NULL , `description` VARCHAR(50) NOT NULL , `infrastructure_family` VARCHAR(10) NOT NULL , `prix` INT(3) NOT NULL , `ressource_consumption` INT(3) NOT NULL , PRIMARY KEY (`ID_infra`)) ENGINE = InnoDB;
```

Joueur_compte (ID_joueur_compte, #ID_joueur, #ID_centre_equestre, #ID_chevaux, #ID_club_hippique, #ID_items, #ID_tache, money, IP_address, date_Inscription, last_connexion)

```
CREATE TABLE `horse_sim`.`joueur_compte` ( `ID_joueur_compte` INT(2) NOT NULL AUTO_INCREMENT , `ID_joueur` INT(2) NOT NULL , `ID_centre_equestre` INT(2) NOT NULL , `ID_chevaux` INT(2) NOT NULL , `ID_club_hippique` INT(2) NOT NULL , `ID_items` INT(2) NOT NULL , `ID_tache` INT(2) NOT NULL , `money` INT(3) NOT NULL , `IP_address` VARCHAR(15) NOT NULL , `date_Inscription` DATE NOT NULL , `last_connexion` DATETIME NOT NULL , PRIMARY KEY (`ID_joueur_compte`,`ID_joueur`)) ENGINE = InnoDB;
```

Joueur (ID_joueur, nom, prenom ,email, mdp, sexe, birthDate, phone, address, picture_account, description, website)

```
CREATE TABLE `horse_sim`.`joueur` ( `ID_joueur` INT(2) NOT NULL AUTO_INCREMENT , `nom` VARCHAR(20) NOT NULL , `prenom` VARCHAR(20) NOT NULL , `email` VARCHAR(30) NOT NULL , `mdp` VARCHAR(50) NOT NULL , `sexe` ENUM('H','F') NOT NULL , `birthDate` DATE NOT NULL , `phone` INT(10) NOT NULL , `address` VARCHAR(50) NOT NULL , `profile_picture` VARCHAR(60) NOT NULL , `description` VARCHAR(50) NOT NULL , `website` VARCHAR(60) NOT NULL , PRIMARY KEY (`ID_joueur`)) ENGINE = InnoDB;
```

Chevaux (ID_cheval, #ID_etat, name, race, description)

```
CREATE TABLE `horse_sim`.`chevaux` ( `ID_cheval` INT(2) NOT NULL AUTO_INCREMENT , `ID_etat` INT(2) NOT NULL , `name` VARCHAR(20) NOT NULL , `race` VARCHAR(10) NOT NULL , `description` VARCHAR(50) NOT NULL , PRIMARY KEY (`ID_cheval`)) ENGINE = InnoDB;
```

Etat(ID_etat, type)

```
CREATE TABLE `horse_sim`.`etat` ( `ID_etat` INT(2) NOT NULL AUTO_INCREMENT , `type` ENUM('sante', 'moral', 'stress', 'fatigue', 'faim', 'proprete') NOT NULL , PRIMARY KEY (`ID_etat`)) ENGINE = InnoDB;
```

Banque(ID unique, ID banque, #ID_joueur, montant, last_connexion)

```
CREATE TABLE `horse_sim`.`banque` ( `ID_banque` INT(2) NOT NULL AUTO_INCREMENT , `ID_unique` INT(2) NOT NULL , `ID_joueur` INT(2) NOT NULL , `montant` INT(5) NOT NULL , `last_connexion` DATETIME NOT NULL , PRIMARY KEY ( `ID_banque` , `ID_unique` )) ENGINE = InnoDB;
```

HistoriqueBanquaire(ID unique, ID historiqueBanquaire, #ID_banque, #ID_joueur, operation_effetuee)

```
CREATE TABLE `horse_sim`.`historiquebanquaire` ( `ID_historiqueBanquaire` INT(2) NOT NULL AUTO_INCREMENT , `ID_unique` INT(2) NOT NULL , `ID_banque` INT(2) NOT NULL , `ID_joueur` INT(2) NOT NULL , `operation_effetuee` VARCHAR(10) NOT NULL , PRIMARY KEY ( `ID_historiqueBanquaire` , `ID_unique` )) ENGINE = InnoDB;
```

Tache_auto(ID unique, ID auto, action, frequence)

```
CREATE TABLE `horse_sim`.`tache_auto` ( `ID_auto` INT(2) NOT NULL AUTO_INCREMENT , `ID_unique` INT(2) NOT NULL , `action` VARCHAR(30) NOT NULL , `frequence` VARCHAR(10) NOT NULL , PRIMARY KEY ( `ID_auto` , `ID_unique` )) ENGINE = InnoDB;
```

Journal(ID journal, #ID_joueur, #ID_article, date, agenda, top_events)

```
CREATE TABLE `horse_sim`.`journal` ( `ID_journal` INT(2) NOT NULL AUTO_INCREMENT , `ID_joueur` INT(2) NOT NULL , `ID_article` INT(2) NOT NULL , `date` TIMESTAMP NOT NULL , `agenda` VARCHAR(45) NOT NULL , `top_events` VARCHAR(45) NOT NULL , PRIMARY KEY ( `ID_journal` )) ENGINE = InnoDB;
```

Article(ID article, title, text, image, category)

```
CREATE TABLE `horse_sim`.`article` ( `ID_article` INT(2) NOT NULL AUTO_INCREMENT , `title` VARCHAR(20) NOT NULL , `text` VARCHAR(45) NOT NULL , `image` VARCHAR(30) NOT NULL , `category` VARCHAR(10) NOT NULL , PRIMARY KEY ( `ID_article` )) ENGINE = InnoDB;
```

Item(ID, #ID_niveau, #ID_famille, type, description, prix)

```
CREATE TABLE `horse_sim`.`item` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `ID_niveau` INT(2) NOT NULL , `ID_famille` INT(2) NOT NULL , `type` VARCHAR(20) NOT NULL , `description` VARCHAR(45) NOT NULL , `prix` INT(3) NOT NULL , PRIMARY KEY ( `ID` )) ENGINE = InnoDB;
```

Famille_Item(ID, nom)

```
CREATE TABLE `horse_sim`.`famille_item` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `nom` VARCHAR(20) NOT NULL , PRIMARY KEY ( `ID` )) ENGINE = InnoDB;
```

Niveau(ID, rarete)

```
CREATE TABLE `horse_sim`.`niveau` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `rarete` VARCHAR(10) NOT NULL , PRIMARY KEY ( `ID` )) ENGINE = InnoDB;
```

Magasin(ID, #ID_centre_equestre, #ID_club_hippique, #ID_infra, #ID_item, nom)

```
CREATE TABLE `horse_sim`.`Magasin` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `ID_centre_equestre` INT(2) NOT NULL , `ID_club_hippique` INT(2) NOT NULL , `ID_infra` INT(2) NOT NULL , `ID_item` INT(2) NOT NULL , `nom` VARCHAR(20) NOT NULL , PRIMARY KEY ( `ID` )) ENGINE = InnoDB;
```