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 AUTO_INCREMENT , `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;