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;