Club_hippiques(**ID**, *#ID_infra, #ID_concours*, capacite, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`club_hippiques` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `ID_infra` INT(2) NOT
NULL , `ID_concours` INT(2) NOT NULL , `capacite` INT(2) NOT NULL , `created_at` timestamp NOT NULL
DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE =
InnoDB;
```

Concours(**ID**, *#ID_Item, #ID_infra* , date_deb, date_fin, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`concours` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `ID_Item` INT(2) NOT NULL ,
`ID_infra` INT(2) NOT NULL , `date_deb` TIMESTAMP NOT NULL , `date_fin` TIMESTAMP NOT NULL ,
`created_at` timestamp NOT NULL DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT
NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;
```

Centre_equestre (**ID**, *#ID_gerant, #ID_infra_club, #ID_taches*, capacite, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`centre_equestre` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `ID_club` INT(2) NOT
NULL , `ID_infra` INT(2) NOT NULL , `ID_taches ` INT(2) NOT NULL , `capacite` INT(3) NOT NULL , `created_at`
timestamp NOT NULL DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL,  PRIMARY
KEY (`ID`)) ENGINE = InnoDB;
```

Infrastructure (**ID**, *#ID_accomodation_capacity, #ID_items*, type, niveau, description,
infrastructure_family, prix, ressource_consumption, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`infrastructure` ( `ID` INT(2) NOT NULL AUTO_INCREMENT ,
`ID_accomodation_capacity` INT(2) NOT NULL , `ID_items` INT(2) NOT NULL , `type` VARCHAR(20) 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 , `created_at` timestamp NOT NULL
DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE =
InnoDB;
```

Joueur_compte (**ID_joueur_compte**, *#ID_joueur*, *#ID_centre, #ID_chevaux, #ID_club, #ID_items,
#ID_taches*, username, mdp, last_connexion, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`joueur_compte` ( `ID_joueur_compte` INT(2) NOT NULL AUTO_INCREMENT ,
`ID_joueur` INT(2) NOT NULL , `ID_centre ` INT(2) NOT NULL , `ID_chevaux` INT(2) NOT NULL , `ID_club ` INT(2)
NOT NULL , `ID_items` INT(2) NOT NULL , `ID_taches` INT(2) NOT NULL , `username` VARCHAR(30) NOT NULL ,
`mdp` VARCHAR(50) NOT NULL , `last_connexion` DATETIME NOT NULL , `created_at` timestamp NOT NULL
DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY
(`ID_joueur_compte`,`ID_joueur`)) ENGINE = InnoDB;
```

Joueur (**ID_joueur**, nom, prenom ,email, sexe, birthDate, phone, address, IP_address,
picture_account, description, website, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`joueur` ( `ID_joueur` INT(2) NOT NULL AUTO_INCREMENT , `nom` VARCHAR(30)
NOT NULL , `prenom` VARCHAR(30) NOT NULL , `email` VARCHAR(50) NOT NULL , `sexe` ENUM('H','F') NOT
NULL , `birthDate` DATE NOT NULL , `phone` VARCHAR(20) NOT NULL , `address` VARCHAR(255) NOT NULL ,
`IP_address` VARCHAR(15) NOT NULL , `profile_picture` VARCHAR(100) NOT NULL , `description` VARCHAR(50)
NOT NULL , `website` VARCHAR(150) NOT NULL , `created_at` timestamp NOT NULL DEFAULT
current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID_joueur`)) ENGINE =
InnoDB;
```

Cheval (**ID**, *#ID_attribut, #ID_etat, #ID_items*, nom, race, description, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`cheval` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `ID_attribut` INT(2) NOT NULL ,
`ID_etat` INT(2) NOT NULL ,`ID_items` INT(2) NOT NULL , `nom` VARCHAR(20) NOT NULL , `race` VARCHAR(10)
NOT NULL , `description` VARCHAR(50) NOT NULL , `created_at` timestamp NOT NULL DEFAULT
current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL,  PRIMARY KEY (`ID`)) ENGINE = InnoDB;
```

Cheval_attribut (**ID**, resistance, endurance, detente, vitesse, sociabilite, intelligence, temperament,
created_at, updated_at)

```
CREATE TABLE `horse_sim`.`cheval_attribut` (`ID` INT(2) NOT NULL AUTO_INCREMENT , `resistance` INT(1) NOT
NULL , `endurance` INT(1) NOT NULL , `detente` INT(1) NOT NULL , `vitesse` INT(1) NOT NULL , `sociabilite`
INT(1) NOT NULL , `intelligence` INT(1) NOT NULL , `temperament` INT(1) NOT NULL , `created_at` timestamp
NOT NULL DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`))
ENGINE = InnoDB;) ENGINE = InnoDB;
```

Etat(**ID**, *#ID_proprete*, sante, moral, stress, fatigue, faim, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`etat` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `sante` TINYINT(1) NOT NULL ,
`moral` TINYINT(1) NOT NULL , `stress` TINYINT(1) NOT NULL , `fatigue` TINYINT(1) NOT NULL , `faim`
TINYINT(1) NOT NULL, `created_at` timestamp NOT NULL DEFAULT current_timestamp(), `updated_at`
timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;
```

Proprete(**ID**, *#ID_cheval*, maladies, parasites, blessures)

```
CREATE TABLE `horse_sim`.`proprete` (`ID` INT(2) NOT NULL AUTO_INCREMENT , `ID_cheval` INT(2) NOT NULL ,
maladies` TINYINT(1) NOT NULL , `parasites` TINYINT(1) NOT NULL , `blessures` TINYINT(1) NOT NULL ,
`created_at` timestamp NOT NULL DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT
NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;
```

Banque_compte(**ID**, *#ID_joueur*, montant_compte, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`banque_compte` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `ID_joueur` INT(2)
NOT NULL , `montant_compte` INT(5) NOT NULL , `created_at` timestamp NOT NULL DEFAULT
current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;
```

HistoriqueBanquaire(**ID**, *#ID_banque_compte, #ID_joueur*, operation_effetuee, montant,
last_connexion, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`historiquebanquaire` ( `ID` INT(2) NOT NULL AUTO_INCREMENT ,
`ID_banque_compte` INT(2) NOT NULL , `operation_effetuee` VARCHAR(10) NOT NULL , `montant` INT(5) NOT
NULL , `last_connexion` DATETIME NOT NULL , `created_at` timestamp NOT NULL DEFAULT
current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;
```

Tache_auto(**ID**, action, frequence, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`tache_auto` ( `ID` INT(2) NOT NULL AUTO_INCREMENT , `action` VARCHAR(30) NOT
NULL , `frequence` VARCHAR(10) NOT NULL , `created_at` timestamp NOT NULL DEFAULT current_timestamp(),
`updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;
```

Journal(**ID**, *#ID_joueur, #ID_article*, date, agenda, top_events, created_at, updated_at)

```
CREATE TABLE `horse_sim`.`journal` ( `ID` 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 , `created_at` timestamp NOT NULL DEFAULT current_timestamp(), `updated_at`
timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;
```

Article(**ID**, title, text, image, category, created_at, updated_at)

CREATE TABLE `horse_sim`.`article` (`ID` INT(2) NOT NULL AUTO_INCREMENT , `title` VARCHAR(20) NOT NULL , `text` VARCHAR(50) NOT NULL , `image` VARCHAR(100) NOT NULL , `category` VARCHAR(10) NOT NULL , `created_at` timestamp NOT NULL DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;

Item(**ID**, *#ID_niveau, #ID_famille*, type, description, prix, created_at, updated_at)

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(50) NOT NULL , `prix` INT(3) NOT NULL , `created_at` timestamp NOT NULL DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;

Famille_Item(**ID**, nom, created_at, updated_at)

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

Niveau(**ID**, rarete, created_at, updated_at)

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

Magasin(**ID**, *#ID_centre, #ID_club, #ID_infra, #ID_items*, nom, created_at, updated_at)

CREATE TABLE `horse_sim`.`magasin` (`ID` INT(2) NOT NULL AUTO_INCREMENT , `ID_centre ` INT(2) NOT NULL , `ID_club ` INT(2) NOT NULL , `ID_infra` INT(2) NOT NULL , `ID_items` INT(2) NOT NULL , `nom` VARCHAR(20) NOT NULL , `created_at` timestamp NOT NULL DEFAULT current_timestamp(), `updated_at` timestamp NULL DEFAULT NULL, PRIMARY KEY (`ID`)) ENGINE = InnoDB;