

```
CREATE TABLE Person (
  Cpf VARCHAR(255) NOT NULL ,
  Name VARCHAR(255) NOT NULL ,
  Address VARCHAR(255) NULL ,
  Email VARCHAR(255) NOT NULL ,
  Gender ENUM ('male', 'female') NULL,
  Birth_Date DATE NULL,
  Age INTEGER NULL,
  PRIMARY KEY(Cpf))
TYPE=InnoDB;
```

```
CREATE TABLE Equipment (
  Equipment_ID INTEGER UNSIGNED NOT NULL ,
  Model VARCHAR(255) NULL ,
  Description VARCHAR(255) NULL ,
  Equipment_Type VARCHAR(255) NOT NULL ,
  ExternalPrice FLOAT NOT NULL ,
  InternalPrice FLOAT NOT NULL ,
  PRIMARY KEY(Equipment_ID))
TYPE=InnoDB;
```

```
CREATE TABLE Band (
  Login VARCHAR(255) NOT NULL ,
  Name VARCHAR(255) NOT NULL ,
  Style VARCHAR(255) NULL ,
  HomePage VARCHAR(255) NULL ,
  Pass VARCHAR(255) NOT NULL ,
  PRIMARY KEY(Login))
TYPE=InnoDB;
```

```
CREATE TABLE Service (
  Service_ID INTEGER UNSIGNED NOT NULL ,
  Name VARCHAR(255) NOT NULL ,
  Price FLOAT NOT NULL ,
  Description VARCHAR(255) NULL ,
  PRIMARY KEY(Service_ID))
TYPE=InnoDB;
```

```
CREATE TABLE Member (
  Member_ID INTEGER UNSIGNED NOT NULL,
  Person_Cpf VARCHAR(255) NOT NULL ,
  PRIMARY KEY(Member_ID),
  FOREIGN KEY(Person_Cpf)
    REFERENCES Person(Cpf)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
TYPE=InnoDB;
```

```
CREATE TABLE Phone (
  Person_Cpf VARCHAR(255) NOT NULL,
  Phone_Number INTEGER UNSIGNED NOT NULL,
  PRIMARY KEY(Person_Cpf, Phone_Number),
  FOREIGN KEY(Person_Cpf)
    REFERENCES Person(Cpf)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
TYPE=InnoDB;
```

```
CREATE TABLE Client (
  Login VARCHAR(255) NOT NULL,
  Person_Cpf VARCHAR(255) NOT NULL,
```

```
Pass VARCHAR(255) NOT NULL,
PRIMARY KEY(Login),
FOREIGN KEY(Person_Cpf)
REFERENCES Person(Cpf)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
TYPE=InnoDB;
```

```
CREATE TABLE Agenda (
  Agenda_ID INTEGER UNSIGNED NOT NULL,
  Service_ID INTEGER UNSIGNED NOT NULL,
  Band_Login VARCHAR(255) NOT NULL,
  Date DATE NOT NULL,
  Time TIME NOT NULL,
  Status ENUM('reserved', 'done', 'canceled') NOT NULL,
  Duration INTEGER UNSIGNED NOT NULL,
  Room INTEGER UNSIGNED NOT NULL,
  PRIMARY KEY(Agenda_ID),
  FOREIGN KEY(Band_Login)
REFERENCES Band(Login)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
  FOREIGN KEY(Service_ID)
REFERENCES Service(Service_ID)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
TYPE=InnoDB;
```

```
CREATE TABLE Client_rents_Equipment (
  Rent_ID int NOT NULL,
  Equipment_ID INTEGER UNSIGNED NOT NULL ,
  Client_Login VARCHAR(255) NOT NULL ,
  Duration INTEGER UNSIGNED NOT NULL ,
  Date DATE NOT NULL ,
  Time TIME NOT NULL ,
  Total_Price FLOAT NOT NULL ,
  Status ENUM ('reserved', 'done', 'canceled') NOT NULL,
  PRIMARY KEY(Rent_ID),
  FOREIGN KEY(Client_Login)
REFERENCES Client(Login)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
  FOREIGN KEY(Equipment_ID)
REFERENCES Equipment(Equipment_ID)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
TYPE=InnoDB;
```

```
CREATE TABLE Band_has_Member (
  Band_Login VARCHAR(255) NOT NULL ,
  Member_ID INTEGER UNSIGNED NOT NULL ,
  PRIMARY KEY(Band_Login, Member_ID),
  FOREIGN KEY(Member_ID)
REFERENCES Member(Member_ID)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
  FOREIGN KEY(Band_Login)
REFERENCES Band(Login)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
TYPE=InnoDB;
```

```
CREATE TABLE Agenda_has_Equipment (
  Agenda_ID INTEGER UNSIGNED NOT NULL ,
```

```
Equipment_ID INTEGER UNSIGNED NOT NULL ,
Duration INTEGER UNSIGNED NOT NULL ,
Time TIME NOT NULL ,
PRIMARY KEY(Agenda_ID, Equipment_ID),
FOREIGN KEY(Agenda_ID)
REFERENCES Agenda(Agenda_ID)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
FOREIGN KEY(Equipment_ID)
REFERENCES Equipment(Equipment_ID)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
TYPE=InnoDB;

CREATE INDEX band_members_index ON Band_has_Member (band_login);
CREATE INDEX person_gender_index ON Person (gender);
CREATE INDEX person_age_index ON Person (age);
CREATE INDEX equipment_agenda_index ON Agenda_has_Equipment (Equipment_ID);
CREATE INDEX equipment_client_index ON Client_rents_Equipment (Equipment_ID);
```