

```
CREATE TABLE roles(  
  id_role INT(2) AUTO_INCREMENT,  
  role VARCHAR(30) NOT NULL,  
  PRIMARY KEY(id_role)  
)ENGINE=INNODB;
```

```
CREATE TABLE categories(  
  id_categorie INT(5) AUTO_INCREMENT,  
  nom VARCHAR(50) NOT NULL,  
  id_parent INT(5),  
  PRIMARY KEY(id_categorie),  
  FOREIGN KEY(id_parent) REFERENCES categories(id_categorie)  
)ENGINE=INNODB;
```

```
CREATE TABLE users(  
  id_user INT AUTO_INCREMENT,  
  nom VARCHAR(30) NOT NULL,  
  prenom VARCHAR(30),  
  tel VARCHAR(10),  
  email VARCHAR(100) NOT NULL,  
  password VARCHAR(100) NOT NULL,  
  PRIMARY KEY(id_user)  
)ENGINE=INNODB;
```

```
CREATE TABLE article(  
  id_article INT AUTO_INCREMENT,  
  titre VARCHAR(255),  
  contenu VARCHAR(0),  
  image VARCHAR(100),  
  _date VARCHAR(50),  
  id_user INT NOT NULL,  
  id_categorie INT NOT NULL,  
  PRIMARY KEY(id_article),  
  FOREIGN KEY(id_user) REFERENCES information(id_user),  
  FOREIGN KEY(id_categorie) REFERENCES categorie(id_user)  
)ENGINE=INNODB;
```

```
CREATE TABLE Affecter(  
  id_role INT AUTO_INCREMENT,  
  id_user INT,  
  PRIMARY KEY(id_role, id_user),  
  FOREIGN KEY(id_role) REFERENCES roles(id_role),  
  FOREIGN KEY(id_identifiant) REFERENCES information(id_identifiant)  
)ENGINE=INNODB;
```