Organiz'heur
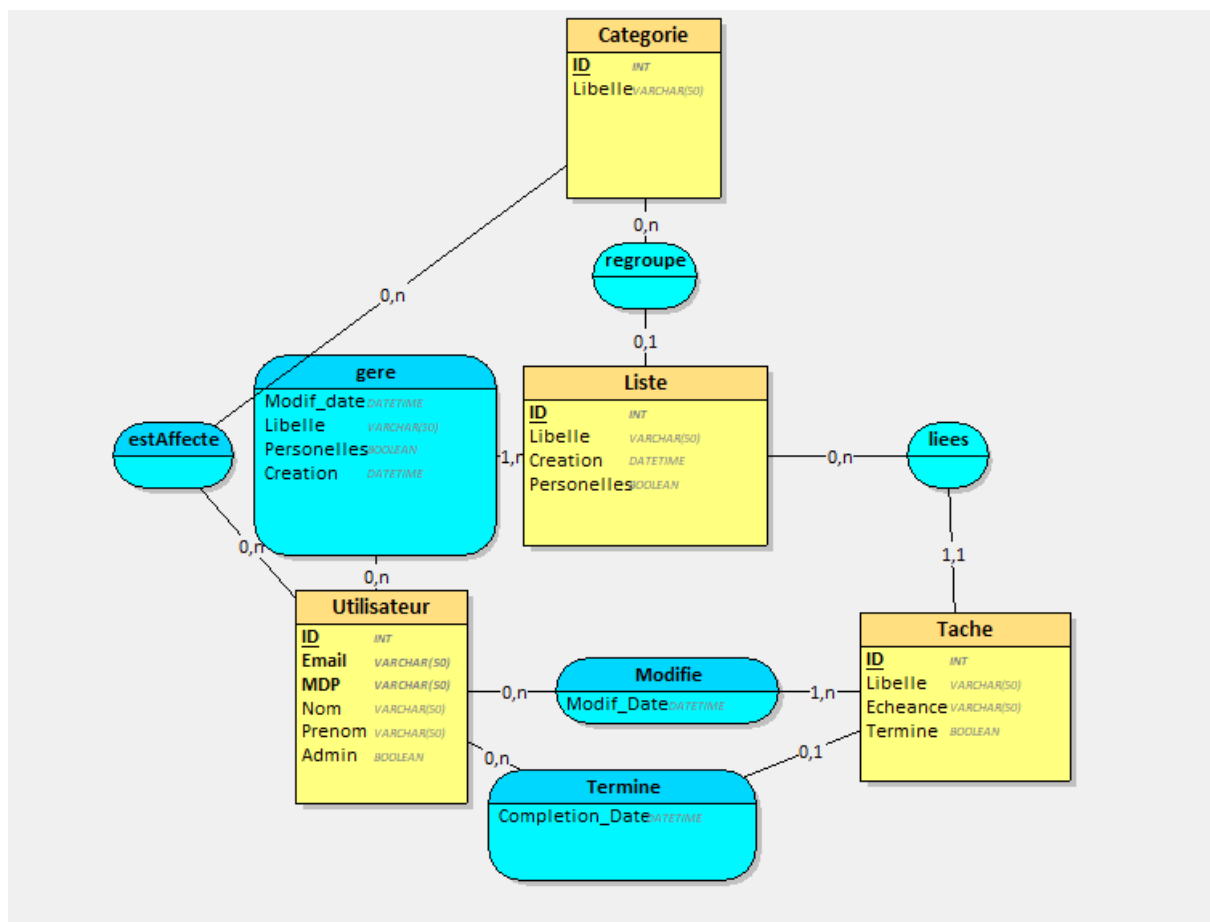
Depot Git : https://github.com/Jorerock/Projet-Organizheur/

Solution Technique :

Afin de répondre à la problématique le model utilise seras celui du MVVM

Architecture:	Clients	Serveur	Données
Langage :	Typescript	Typescript	SQL
Framework :	Vue	Backend Express	Mysql

MCD de la base de Données :

MLD textuel :

Utilisateur = (ID INT, Email VARCHAR(50), MDP VARCHAR(50), Nom VARCHAR(50), Prenom VARCHAR(50), Admin BOOLEAN);

Categorie = (ID INT, Libelle VARCHAR(50));

Liste = (ID INT, Libelle VARCHAR(50), Creation DATETIME, Personelles BOOLEAN, #ID_1*);

Tache = (ID INT, Libelle VARCHAR(50), Echeance VARCHAR(50), Termine BOOLEAN, #ID_1);

Modifie = (#ID, #ID_1, Modif_Date DATETIME);

gere = (#ID, #ID_1, Modif_date DATETIME, Libelle VARCHAR(50), Personelles BOOLEAN, Creation DATETIME);

estAffecte = (#ID, #ID_1);

Termine = (#ID, Completion_Date DATETIME, #ID_1);

Sql : CREATE TABLE Utilisateur(

  ID INT,

  Email VARCHAR(50) NOT NULL,

  MDP VARCHAR(50) NOT NULL,

  Nom VARCHAR(50),

  Prenom VARCHAR(50),

  Admin BOOLEAN,

  PRIMARY KEY(ID),

  UNIQUE(Email)

);

CREATE TABLE Categorie(

```sql
    ID INT,

    Libelle VARCHAR(50),

    PRIMARY KEY(ID)

);


CREATE TABLE Liste(

    ID INT,

    Libelle VARCHAR(50),

    Creation DATETIME,

    Personelles BOOLEAN,

    ID_1 INT,

    PRIMARY KEY(ID),

    FOREIGN KEY(ID_1) REFERENCES Categorie(ID)

);


CREATE TABLE Tache(

    ID INT,

    Libelle VARCHAR(50),

    Echeance VARCHAR(50),

    Termine BOOLEAN,

    ID_1 INT NOT NULL,

    PRIMARY KEY(ID),

    FOREIGN KEY(ID_1) REFERENCES Liste(ID)

);


CREATE TABLE Modifie(

    ID INT,

    ID_1 INT,
```

```sql
    Modif_Date DATETIME,

    PRIMARY KEY(ID, ID_1),

    FOREIGN KEY(ID) REFERENCES Utilisateur(ID),

    FOREIGN KEY(ID_1) REFERENCES Tache(ID)

);


CREATE TABLE gere(

    ID INT,

    ID_1 INT,

    Modif_date DATETIME,

    Libelle VARCHAR(50),

    Creation DATETIME,

    PRIMARY KEY(ID, ID_1),

    FOREIGN KEY(ID) REFERENCES Utilisateur(ID),

    FOREIGN KEY(ID_1) REFERENCES Liste(ID)

);


CREATE TABLE estAffecte(

    ID INT,

    ID_1 INT,

    PRIMARY KEY(ID, ID_1),

    FOREIGN KEY(ID) REFERENCES Utilisateur(ID),

    FOREIGN KEY(ID_1) REFERENCES Categorie(ID)

);


CREATE TABLE Termine(

    ID INT,

    Completion_Date DATETIME,
```

```
    ID_1 INT NOT NULL,

    PRIMARY KEY(ID),

    FOREIGN KEY(ID) REFERENCES Tache(ID),

    FOREIGN KEY(ID_1) REFERENCES Utilisateur(ID)

);
```