

Model Logique de Donnees

TRAJET (

idTrajet VARCHAR(50) PRIMARY KEY,

depart VARCHAR(100),

arriver VARCHAR(100),

dateDepart DATE,

heureDepart TIME,

idCompagnie INT,

FOREIGN KEY (idCompagnie) REFERENCES
COMPAGNIE_DE_TRANSPORT(idCompagnie)

)

RESERVATION (

idReservation INT PRIMARY KEY,

lieuDepart VARCHAR(100),

lieuDestination VARCHAR(100),

dateReservation DATE,

lieuArriver VARCHAR(100),

idTrajet VARCHAR(50),

idUserClient INT,

FOREIGN KEY (idTrajet) REFERENCES TRAJET(idTrajet),

FOREIGN KEY (idUserClient) REFERENCES USER(idUserClient)

)

```
USER (  
    idUserClient INT PRIMARY KEY,  
    nom VARCHAR(50),  
    prenom VARCHAR(50),  
    contact VARCHAR(50),  
    motDePasse VARCHAR(100)  
)
```

```
ROLE (  
    idRole VARCHAR(50) PRIMARY KEY,  
    nomRole VARCHAR(50)  
)
```

```
USER_ROLE (  
    idUserClient INT,  
    idRole VARCHAR(50),  
    PRIMARY KEY (idUserClient, idRole),  
    FOREIGN KEY (idUserClient) REFERENCES USER(idUserClient),  
    FOREIGN KEY (idRole) REFERENCES ROLE(idRole)  
)
```

```
COMPAGNIE_DE_TRANSPORT (  
    idCompagnie INT PRIMARY KEY,  
    nomCompagnie VARCHAR(100),  
    adresseCompagnie VARCHAR(200),  
    nbTrajet INT  
)
```

```
BUS (  
    idBus INT PRIMARY KEY,  
    numBus VARCHAR(20),  
    capaciteBus INT,  
    idCompagnie INT,  
    FOREIGN KEY (idCompagnie) REFERENCES  
    COMPAGNIE_DE_TRANSPORT(idCompagnie)  
)
```

```
MODE_PAIEMENT (  
    idOperateur INT PRIMARY KEY,  
    nomOperateur VARCHAR(100)  
)
```

```
PAIEMENT (  
    idPaiement INT PRIMARY KEY,  
    montant DECIMAL(10,2),  
    idOperateur INT,  
    idReservation INT,  
    idUserClient INT;  
    FOREIGN KEY (idOperateur) REFERENCES  
    MODE_PAIEMENT(idOperateur),  
    FOREIGN KEY (idReservation) REFERENCES  
    RESERVATION(idReservation),  
    FOREIGN KEY (idUserClient) REFERENCES USER(idUserClient)  
)
```