1. Structure de la base mongo DB : dadakarimgdb

Collection fs.files :

```
[
 {
   metadata : DBObject,
   filename : string,
   aliases : string,
   chunkSize : long,
   uploadDate : ISODate,
   length : long,
   contentType : string,
   md5 : string
 }
]
```

2. Structure de la base mongo DB : dadakarlogindb

Collection accounts :

```
[
 {
   accountId : string,
   username : string,
   password : string,
   role : string,
   banned : boolean,
   deleted : boolean
 }
]
```

3. Structure de la base mongo DB : dadakarmsgdb

Collection messages :

```
[
 {
   msgId : string,
   senderId : string,
   receiverId : string,
   horo : ISODate,
   object : string,
   message : string
 }
]
```

4. Structure de la base mongo DB : dadakarrundb

Collection addresses :

```
[
 {
   addressId : string,
   district : string,
   town : string
 }
]
```

Collection runs :

```
[
 {
   runId : string,
   driver : user,
   vehicleId : string,
   subRuns : [
    {
      subRunId : string,
      flexibility : duration,
      startPlace : { id : string, meetingPoint : string, address : { addressId : string, district : string, town :
string } }
      endPlace : { id : string, meetingPoint : string, address : { addressId : string, district : string, town :
string } }
      startDate : ISODate,
      startTime : ISODate,
      estimatedEndDate : ISODate,
      estimatedEndTime : ISODate,
      availableSeats : int,
      passengers : [ { passengerId : string, user : { userId : string, accountId : string, firstName : string,
lastName : string, mail : string, idCard : string, photo : string, drivingLicence : string, vehicles :
[],ratings : [] }, luggage : string, price : double, resState : string } ],
      startingPoints : [ { id : string, meetingPoint : string, address : { addressId : string, district : string,
town : string } ],
      tolls : [ { tollId : string, name : string, price : double } ],
      price : double
    }
   ],
   luggageType : string,
   cancelled : boolean
 }
]
```

Collection runPrices :

```
[
 {
   runPriceId : string,
   power : int,
   startingPrice : double,
   maxPrice : double,
   minPrice : double,
   rate : double
 }
]
```

Collection users :

```
[
 {
   userId : string,
   accountId : string,
   firstName : string,
   lastName : string,
   mail : string,
   idCard : string,
   photo : string,
   drivingLicence : string,
   vehicles : [ { vehicleId : string, name : string, brand : string, model : string, color : string, photo : string, carRegistration : string, registrationNumber : string, power : int } ],
   ratings [ { ratingId : string, value : int, rater : { userId : string, accountId : string, firstName : string, lastName : string, mail : string, idCard : string, photo : string, drivingLicence : string, vehicles : [], ratings [] }, comment : string } ]
 }
]
```

5. Structure de la base MySQL : dadakartransactiondb

Table transaction :

```
transaction_id INTEGER PRIMARY KEY AUTOINCREMENT
transaction_number VARCHAR UNIQUE
transaction_date DATETIME
sender_id VARCHAR
receiver_id VARCHAR
state VARCHAR
```