GROUP 2 - DELIMA JR., JATICO II, VALERA
CCAPDEV - S11   PRE-PHASE 2: DATABASE
DESIGN

ADMINS

+ userID: String
+ firstName: String
+ lastName: String
+ email: String
+ password: String
+ bday: Date

CLIENTS

+ userID: String
+ firstName: String
+ lastName: String
+ email: String
+ password: String

+ ccNo: Integer
+ ccExp: Date
+ ccPin: Integer
+ bday: Date

+ fileID: String
+ startDate: Date
+ expDate : Date

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adds, edits, removes

0..*

bought by

1..*   0..*

CARS

+ carId: String
+ name: String
+ brand: String
+ class: String
+ bodystyle: String
+ capacity: Integer
+ price: Integer
+ description: String

transactionID: String
datebought: Date

FEATURE	CARS	CLIENTS	ADMIN	LICENSES
Purchase Car		Read		Read
Create Car	Create		Read	
Edit Car	Update		Read	
Remove Car	Delete		Read	
Customize Car	Update			
View Car	Read			
Add User		Create		Create

Explore All Vehicles	Read			
Search Cars	Read			
Sorting Cars	Read			
Login		Read		

There are four main tables: Cars, Clients, Admin, and Licences. The feature *Create car* will make a new car instance, *Edit Car* will update an existing instance of a car, *Remove Car* will delete a *Car* record, *Customize Car* and *View Car* requires the car data (read). The client's information is needed in the feature *Purchase Car,* and a new client is made with the *Add User* feature. Create, edit, and remove car features are only exclusive to admins. Licence is required to purchase a car, and it is also created together with the client/user on registration.