Diagramme de Classe UML
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Favoris

+ id_role:int
+nom :string

Role

+ id_role:int
+nom :string

<> Users

id_user: int
full_name: string
email: string
password:string
id_role: int

+ __construct()
+ login(email,password):void
+ logout():void

Tags

- idTag: int
- nom: varchar(200)

+ AjouterTag(nom):void
+ DeleteTag(idTag) : void
+ ShowTages():array

Article

- idArticle: int
- Titre: varchar(200)
- contenu : text
- id_tags: int
- images: text
- Videos: text
- id_auteur:int
- id_theme:int
- dataCreation: datetime

+ AjouterArticle(Titre, contenu,tags,images,videos):void
+ ModifierArticle(idArticle):void
+ DeleteArticle(idArticle) : void
+ ShowArticles():array
+ AddAuxFavoris():void

Théme

- idTheme: int
- nom: varchar(200)
- description : text

+ AjouterTheme(nom, description):void
+ ModifierTheme(idTheme):void
+ DeleteTheme(idTheme) : void

Commentaire

- idCommentaire: int
- contenu: varchar(200)
- id_Auteur : text
- id_Article: text
- created_at: datetime

+ AjouterCommentaire(contenu, id_Article):void
+ ModifierCommentaire (idCommentaire):void
+ DeleteCommentaire (idCommentaire) : void
+ ShowCommentaire():array

Client

+ register():boolean
+ ShowAllClient():array
+ ViewStatistic():array

Admin

+ ViewStat():void

Avis

- id_review: int
- idVehicule: int
- idClient : int
- commentaire: string
- rating:decimal
- created_at: datetime

+ ajouterAvis(idVehicule, commentaire):void
+ modifierAvis(idVehicule):void
+ SoftDelete(id) : void
+ ShowReviews():array
+ getReviewsByVehicle:array

Reservation

- id : int
- idVehicule : int
- idUtilisateur : int
- dateDebut : string
- dateFin : string
- status: string
- pickup_location: string
- dropoff_location : string

+ acceptRes(id_res):void
+ addReservation():void
+ deleteReservation():void
+ editReservation():void
+ refuseRes(id_res):void
+ viewallReservations():array
+ viewReservations_client():array

Vehicule

- idVeh:int
- Model: string
- price_day:float
- disponibilite:bool
- transmissionType: string
- fuelType : string
- mileage:float
- imageVeh:string

+ ajouterVehicule(): boolean
+ modifierVehicule(id) : boolean
+ supprimerVehicule(id): boolean
+ afficherDetails(id) : array
+ showAllVehicle():array
+ rechercherVehicule(model):array
+ FiltrerVehicule(categorie);array
+ getTotalVehiclesCount():array
+ showStatistic():array
+ getVehicleById():object
+ getVehiclesByCategory():array

Categorie

- id:int
- nom: string
- description:string

+ ajouterCategorie() : boolean
+ modifierCategorie():boolean
+ supprimerCategorie():boolean
+ listerCategorie() : array
+ ShowDetails():object