**Estructura de la base de datos.**

|  |  |  |
| --- | --- | --- |
| **Admin** | **Uid** | {  "id": "string", // Unique identifier for the admin  "name": "string", // Full name of the admin  “profile\_picture” //url  "email": "string", // Email address  "phone": "string", // Phone number  "role": "string, // Admin role (e.g., 'superadmin', 'manager')  "permissions": [ // List of admin permissions  "string" // Permission (e.g., 'manage-drivers', 'view-reports')  ],  "createdAt": "timestamp", // Timestamp of admin account creation  "updatedAt": "timestamp" // Timestamp of last update  } |
| **Passenger** | **Uid** | {  "id": "string", // Unique identifier for the passenger  "name": "string", // Full name of the passenger  "email": "string", // Email address  "phone": "string", // Phone number  "profilePicture": "string", // URL to the passenger's profile picture  "paymentMethods": [ // List of saved payment methods  {  "type": "string", // Payment type (e.g., 'card', 'paypal')  "details": "string" // Payment details (e.g., last 4 digits of card)  }  ],  "rideHistory": [ // List of past rides  {  "rideId": "string", // Unique identifier for the ride  "date": "timestamp", // Date of the ride  "driverId": "string", // ID of the driver for the ride  "fare": "number" // Fare for the ride  }  ],  “ratings”:{  rating: number,  ratingCount: number,  totalRatingScore: number,  }  "createdAt": "timestamp", // Timestamp of passenger registration  "updatedAt": "timestamp" // Timestamp of last update  } |
| **Driver** | **Uid** | {  "id": "string", // Unique identifier for the driver  "name": "string", // Full name of the driver  "email": "string", // Email address  "phone": "string", // Phone number  "profilePicture": "string", // URL to the driver's profile picture  "license": "string", // Driver's license number  "vehicle": {  "code": "string", //taxi code  "model": "string", // Vehicle model (e.g., Corolla)  "plateNumber": "string" // Vehicle plate number  },  "ratings": {  "totalRatings": "number", // Total number of ratings  "averageRating": "number" // Average rating (e.g., 4.5)  },  "createdAt": "timestamp", // Timestamp of driver registration  "updatedAt": "timestamp" // Timestamp of last update  } |

**Estructura de base de datos en tiempo real.**

{

  "requests": {

    "requestId1": {

      "passengerId": "passenger123",

      "pickupLocation": {

        "latitude": 12.3456,

        "longitude": 78.9012

      },

      "destinationLocation": {

        "latitude": 13.4567,

        "longitude": 79.0123

      },

      "timestamp": 1696859200000,

      "status": "pending",

      "drivers": {

        "driverId1": {

          "name": "John Doe",

          "vehicleModel": "Toyota Prius",

          "rating": 4.5,

          "acceptedAt": 1696859300000

        },

        "driverId2": {

          "name": "Jane Smith",

          "vehicleModel": "Honda Civic",

          "rating": 4.7,

          "acceptedAt": 1696859350000

        }

      }

    }

  }

}