1. **Estructura de la base de datos (Firebase Firestore).**

|  |  |  |
| --- | --- | --- |
| **User** | **Uid** | {  "id": "string",  "name": "string",  “lastName”: “string” ,  "email": "string",  "phone": "string",  "profilePicture": "string",  “access”:”string”,  “ratings”:{  rating: number,  ratingCount: number,  totalRatingScore: number,  }  “vehicle”:{  “carRegistrationNumber”: String,  “license”: String,  “model”: String,  “taxiCode”: String,  }  } |
| **Ride history** | **Ride\_id** | {  audioFilePath: String, //Recorded audio  indicationText: String, //Indications by passenger  distance: number,  driverId: String,  passengerId: String,  pickUpLocation: {  latitude: number,  longitude: number  },  dropOffLocation:{  latitude: number,  longitude: number  },  requestType: String,  status: String,  } |

1. **Estructura de base de datos en tiempo real (Firebase realtime database).**

{

  "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

        }

      }

    }

  }

}