Data Structure

A shopping cart

To implement the shopping cart I will use a Redis set with the key "Cart:userId", car ids as the values, and a score of the number of cars they want)

There will be a new Button under each car. User can click the button and add to shopping carts. This functionality support CREATE, READ, UPDATE and DELETE;

• CREATE: When a user first time add a car to his cart, we will create a cart:userID and store car id and quantity of car they want.
• READ: click on View Cart button will get all the cars from cart:userID
• UPDATE: user can click on Add to Shopping Cart to increase the quantity of the car, or they can click on Delete to decorate the quantity of the car.
• DELETE: once the quantity of the car equals or below than zero, this car will be delete from the database.