

CST363 Database Final Group Project

Image_5

**Team Members**

Gabriel Loring

Jose Garcia

Grace Alvarez

**Mission Statement**

At Hopper Auto Repair we continue to strive to provide high quality repair services with a dedicated and well-trained team. We provide exceptional customer service while exceeding customer satisfaction. Our goal at Hopper Auto Repair is to build long term connections with our customers and provide leading services to the community.

**Project Summary**

Hopper Auto Repair is an automotive repair shop. We need a system to keep record of our client information, client cars, the services being provided, and appointment reservations. To do this we will create a simple appointment reservation database.

To achieve this simple database we will:

1. Create a car owner table that stores the owner ID, first name, last name, phone, and email.
2. Create a car table that stores car ID, manufacturer name, model name, license plate, year and mileage.
3. Create an appointment table that stores appointment ID, owner ID, car ID, and appointment date.
4. Create a service table that stores service ID, appointment ID, service name, and service cost.

The purpose of this database is to keep record of the appointments booked, different repairs being done, and this will allow us to keep a work history on our customer’s vehicles.

**Project Files**

All sql files and information will be available at [CST363 Group Project](https://github.com/GJLoring/CST363). This is a GitHub repository that will hold all of our database files as well as the project summary and any imagery used.



car\_owner



OwnerID INT



OwnerLastName CHAR(25)



OwnerFirstName CHAR(25)



OwnerPhone CHAR(12)



OwnerEmail VARCHAR(100)

Indexes



car



CarID INT



ManufacturerName VARCHAR(100)



ModelName VARCHAR(100)



LicencePlate VARCHAR(100)



Year YEAR



Mileage INT(6)

Indexes



appointment



AppointmentID INT



OwnerID INT



CarID INT



AppoinmentDate DATE

Indexes



service



ServiceID INT



AppointmentID INT



ServiceName CHAR(50)



ServiceCost INT

Indexes