

# Vehicle Stats Comparison Tool

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# Vehicle Stats Comparison Tool

A simple tool to compare various vehicles based on various different metrics.



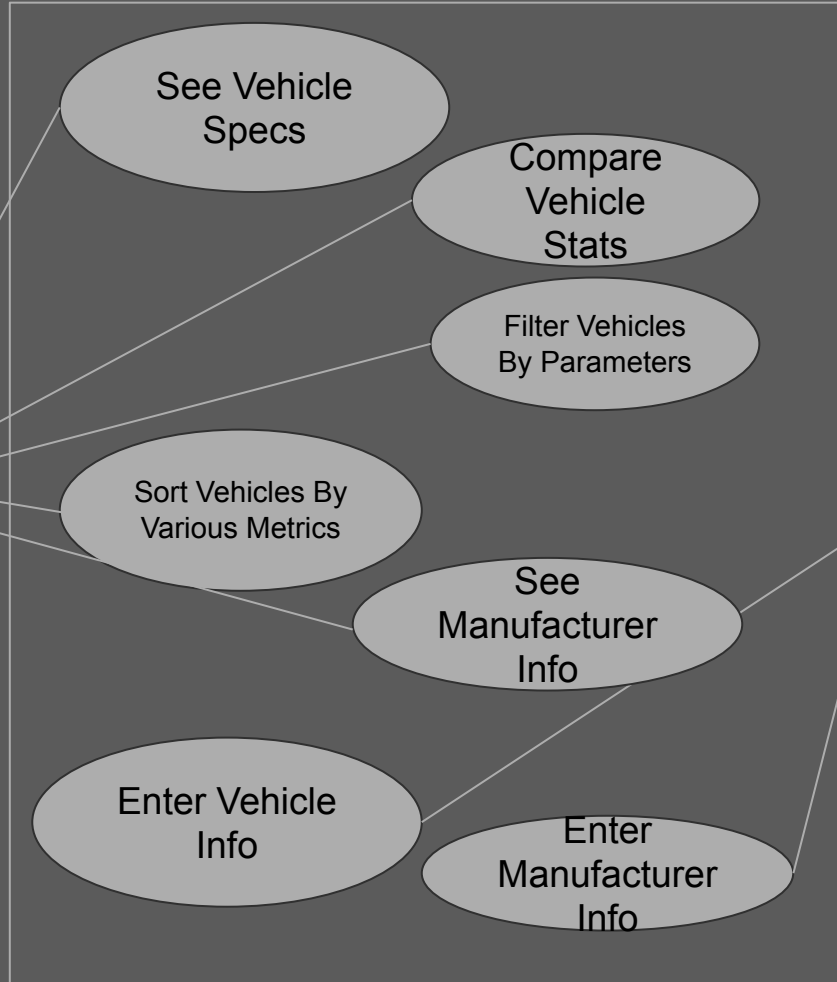
# Application Goals

- The goal was to create a simple tool that allowed for easy comparison of various vehicles
- The application needed to keep track of a large number of different statistics for each vehicle
- It also needed to allow for easy additions of new vehicles as necessary

# USE CASE DIAGRAM

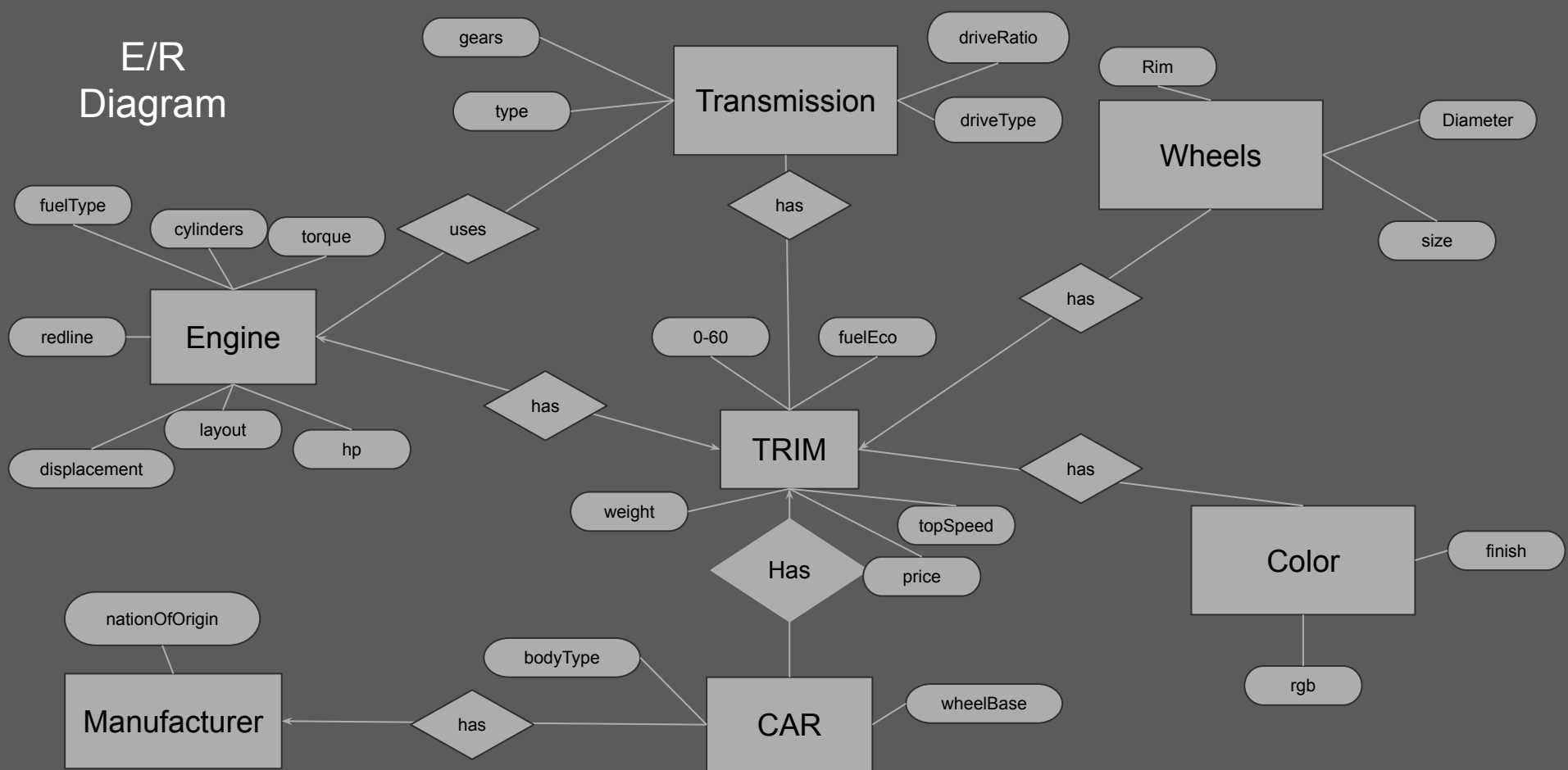


Visitor



Admin

# E/R Diagram



Manufacturer
make
nationOfOrigion

Car
model
year
make
trim
bodyType
wheelBase

Trim
trimID
engine
transmission
wheel
0-60
fuelEco
weight
topSpeed
price

# Relational Schema

Engine
engineID
cylinders
layout
fuelType
displacement
hp
torque
redline

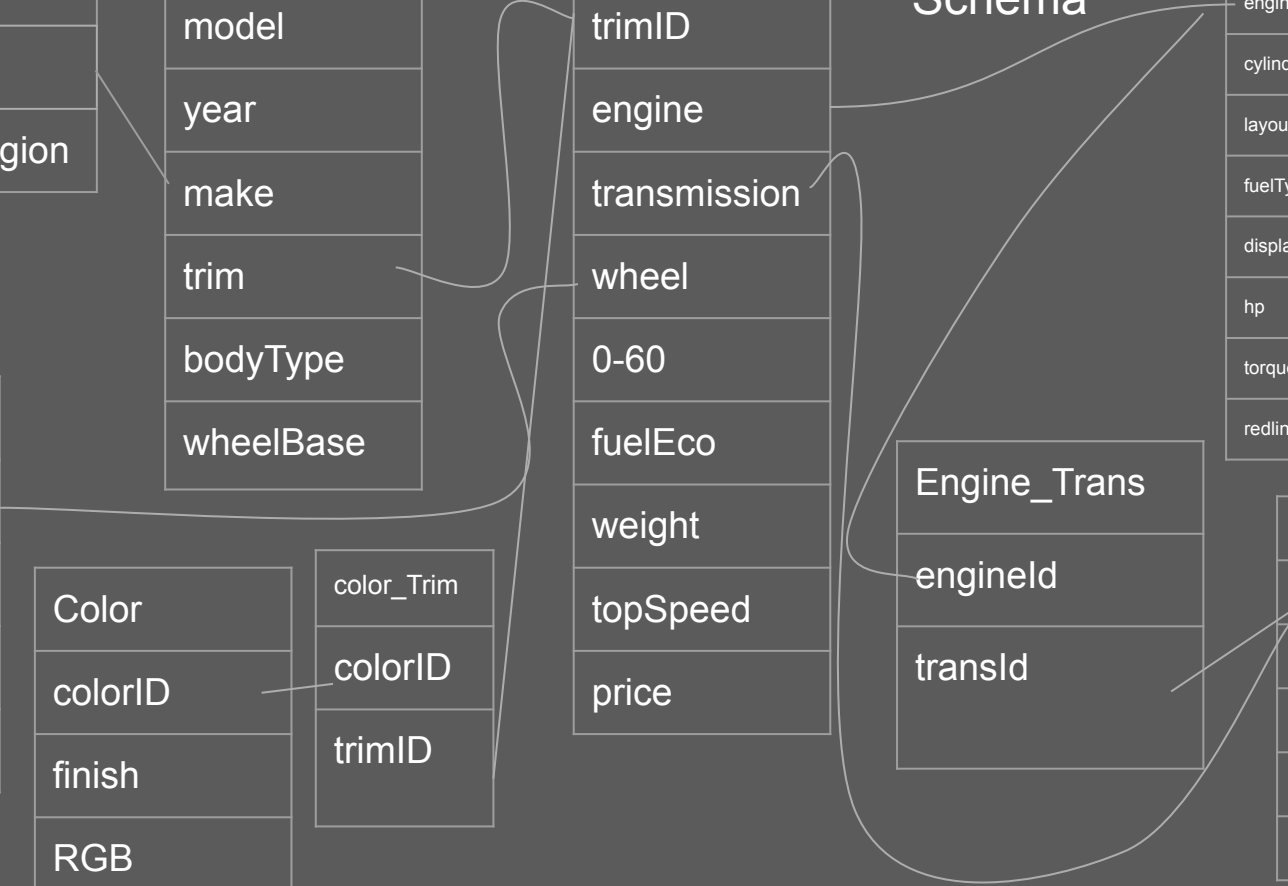
Wheel
wheelID
diameter
rim
size

Color
colorID
finish
RGB

color_Trim
colorID
trimID

Engine_Trans
engineId
transId

Transmission
transID
gears
driveRatio
type
driveType



# Application Features

- Easy to use Command Line interface
- Ability to 2 compare specific vehicles on various stats.
- See a specific vehicles full list of stats.
- Sort Vehicles by specific metrics
- Filter vehicles that fulfill specific conditions
- Admin Features
  - Add new vehicles
  - Remove vehicles
  - Update a vehicles price

Demo



Questions?