

Vehicle Stats Comparison Tool

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Vehicle Stats Comparison Tool

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



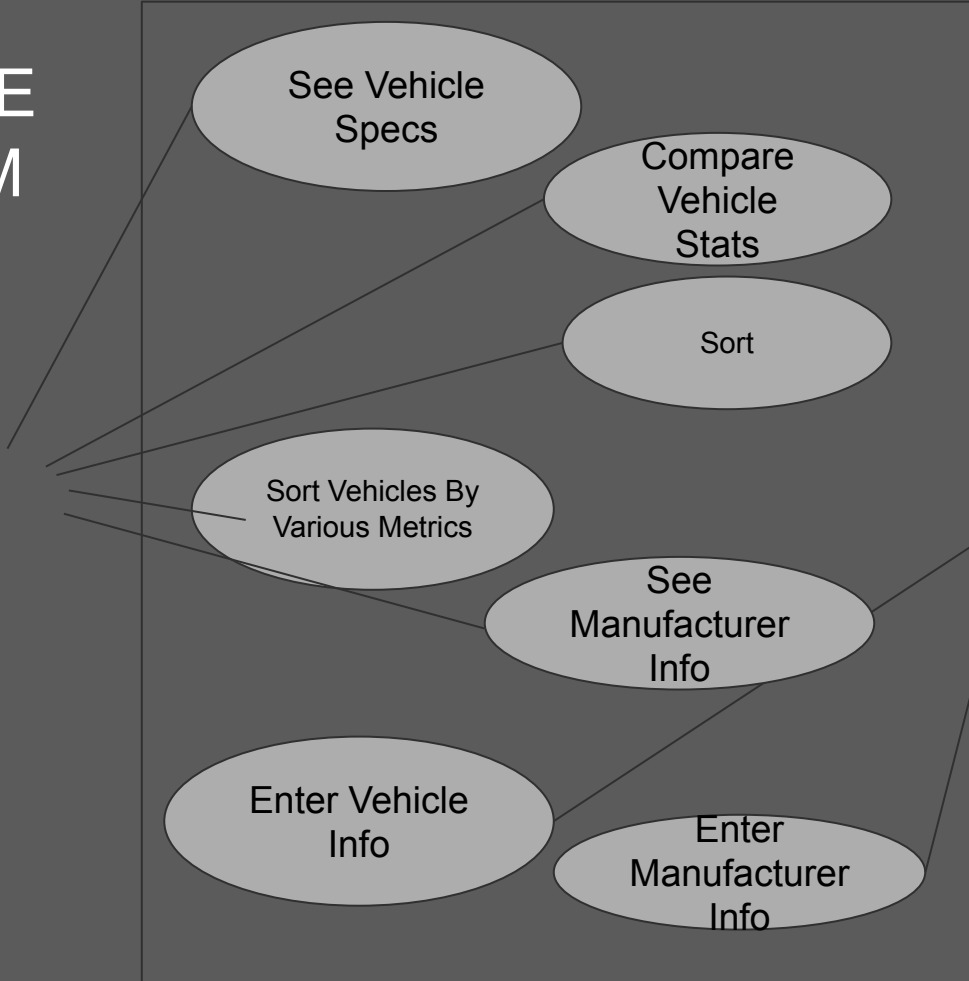
Application Reason

- 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

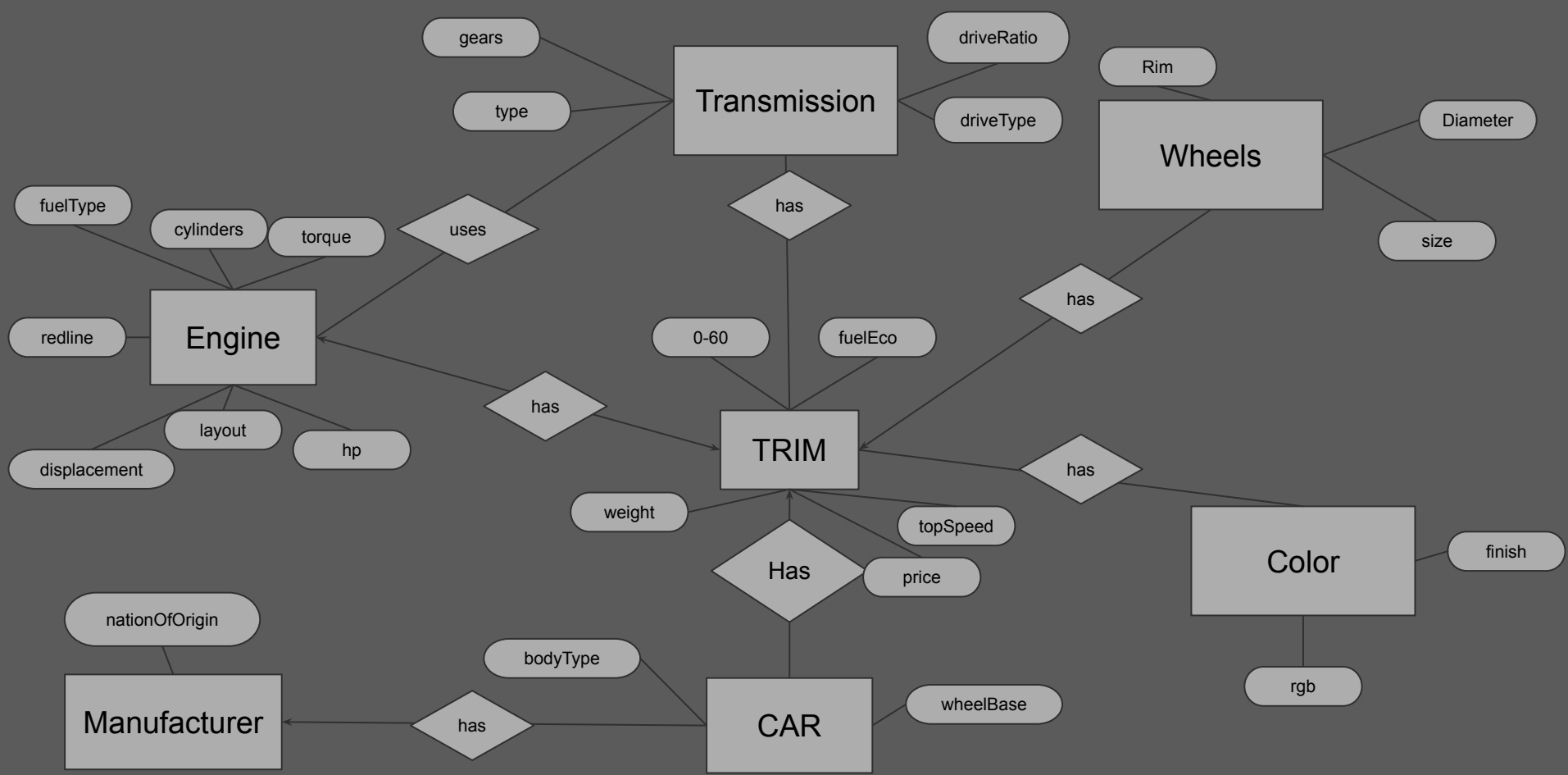
USE CASE DIAGRAM



Visitor



Admin



Manufacturer
make
nationOfOrigin

Car
model
year
make
trim
bodyType
wheelBase

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

Engine
engineID
cylinders
layout
fuelType
displacement
hp
torque
redline

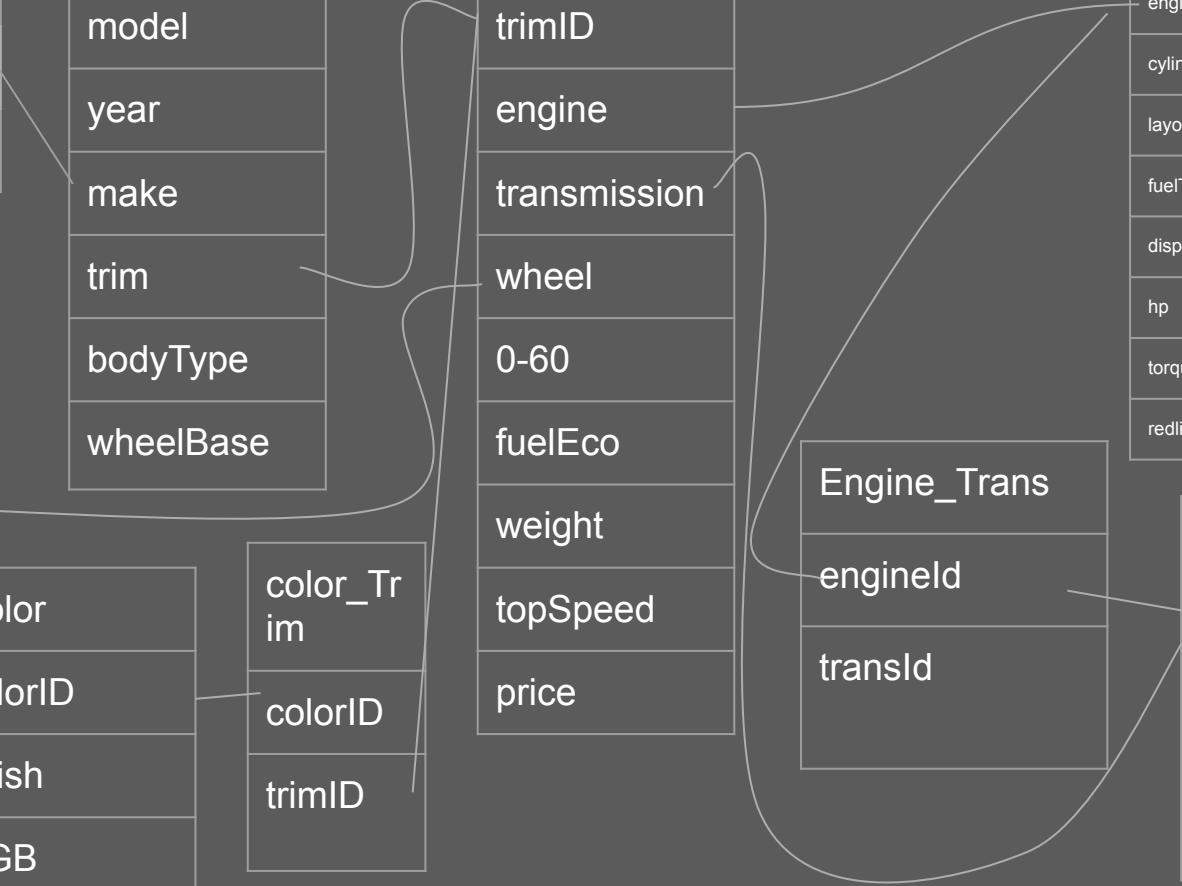
Wheel
wheelID
diameter
rim
size

Color
colorID
finish
RGB

color_Trim
colorID
trimID

Engine_Trans
engineId
transId

Transmission
transID
gears
driveRatio
type
driveType



Application

- Simple Command Line interface running on Python 3.10 and SQLite 3
- 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
- Add new vehicles
- Remove vehicles
- Update a vehicles price

Questions?