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CS 3710

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Homework 1 Report

This report details all the changes to my car parts web application. You can view my repo at <https://github.com/msu-denver-cs/assignment-one-joshhoshiko.git> (also in the GitHub classroom) for the code and changes. I would attach my git diffs here but there are too many pages to submit and document correctly since my repo had to be reset multiple times.

**Generated Three Scaffolds:**

* Car model:string vin:string make:references
* Make name:string country:string
* Part name:string

**Generated One Model:**

* CarsPart car:references part:references (Junction table)

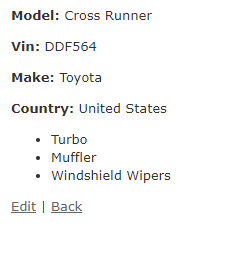
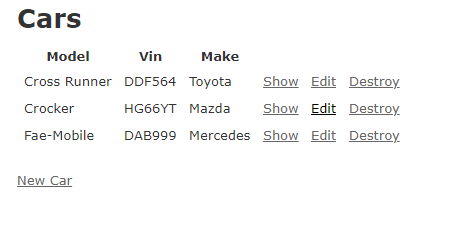
**Model Relationships:**

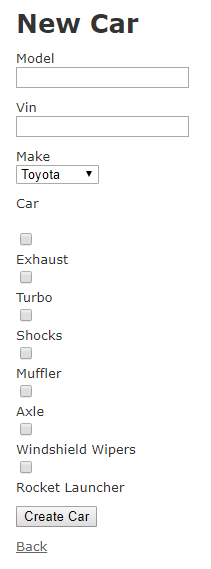
* Car has a many to many with parts
* Make has a one to many relationship with car

**Changed files:**

* Car:
  + **index.html.erb** (View): Edited the car.make to be car.make.name
  + **show.html.erb** (View): Created sections for the Name, VIN, Make, Make country, and equipped parts
  + **form.html.erb** (View): Added both a collection select and a collection checkboxes for picking the make and parts
  + **car.rb** (Model): Updated to have the “belong\_to” relationship to Make and a “belongs\_to\_and\_has\_many” relationship to parts
  + **cars\_controller.rb** (Controller): Edited “new” and “edit” to include changing/updating parts. Also added a part\_ids list to the parameters to allow for multiple parts
* Part:
  + **show.html.erb** (View): Added loop that returns all car names
  + **form.html.erb** (View): Added a collection checkboxes for picking cars
  + **part.rb** (Model): Added “belongs\_to\_and\_has\_many” relationship to cars
  + **parts\_controller.rb** (Controller): Edited “new” and “edit” to include changing/updating cars. Also added a car\_ids list to the parameters for multiple cars
* Make:
  + **show.html.erb** (View): Added a loop to return all Make names
  + **make.rb** (Model): Added “has\_many” relationship to cars

**Samples:**

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