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CS 3710

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<center>Homework 1 Report</center>

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:

Model: Cross Runner

Vin: DDF564

Make: Toyota

Country: United States

- Turbo
- Muffler
- Windshield Wipers

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Cars

Model	Vin	Make			
Cross Runner	DDF564	Toyota	Show	Edit	Destroy
Crocker	HG66YT	Mazda	Show	**Edit**	Destroy
Fae-Mobile	DAB999	Mercedes	Show	Edit	Destroy

New Car

New Car

Model

[   ]

Vin

[   ]

Make

[Toyota   ▼]

Car

☐
Exhaust
☐
Turbo
☐
Shocks
☐
Muffler
☐
Axle
☐
Windshield Wipers
☐
Rocket Launcher

[Create Car]

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