

Differences from assignment 2

Controller Updates

Car controller update to enable search

```
diff --git a/app/controllers/cars_controller.rb
b/app/controllers/cars_controller.rb
index alb7200..45c8e69 100644
--- a/app/controllers/cars_controller.rb
+++ b/app/controllers/cars_controller.rb
@@ -1,7 +1,7 @@
class CarsController < ApplicationController
  before_action :set_car, only: [:show, :edit, :update, :destroy]

-  autocomplete :car, :model, full_search: true
+  # autocomplete :car, :vin, full_search: true

  # GET /cars
  # GET /cars.json
@@ -31,8 +31,6 @@ class CarsController < ApplicationController
  # POST /cars.json
  def create
    @car = Car.new(car_params)
-    @makes = Make.all
-    @parts = Part.all

    respond_to do |format|
      if @car.save
@@ -71,7 +69,7 @@ class CarsController < ApplicationController

  # GET /cars/search
  def search
-    @cars = Car.where("model like ?", "%#{params[:search]}%")
+    @cars = Car.where("vin like ?", params[:search])
    render :index
  end
end
```

Make controller update to enable search

```
diff --git a/app/controllers/makes_controller.rb
b/app/controllers/makes_controller.rb
index 61b146e..19460d9 100644
--- a/app/controllers/makes_controller.rb
+++ b/app/controllers/makes_controller.rb
@@ -1,8 +1,6 @@
class MakesController < ApplicationController
  before_action :set_make, only: [:show, :edit, :update, :destroy]

-  autocomplete :make, :name, full_search: true
```

```

-
-   # GET /makes
-   # GET /makes.json
-   def index
@@ -63,11 +61,6 @@ class MakesController < ApplicationController
-   end
-   end

-   def search
-   @makes = Make.where("name like ?", "%#{params[:search]}%")
-   render :index
-   end
-
-   private
-   # Use callbacks to share common setup or constraints between
actions.
-   def set_make

```

Parts controller update to enable search

```

diff --git a/app/controllers/parts_controller.rb
b/app/controllers/parts_controller.rb
index 400a2c1..2e52866 100644
--- a/app/controllers/parts_controller.rb
+++ b/app/controllers/parts_controller.rb
@@ -1,8 +1,6 @@
- class PartsController < ApplicationController
-   before_action :set_part, only: [:show, :edit, :update, :destroy]

-   autocomplete :part, :name, full_search: true
-
-   # GET /parts
-   # GET /parts.json
-   def index
@@ -63,11 +61,6 @@ class PartsController < ApplicationController
-   end
-   end

-   def search
-   @parts = Part.where("name like ?", "%#{params[:search]}%")
-   render :index
-   end
-
-   private
-   # Use callbacks to share common setup or constraints between
actions.
-   def set_part

```

Validations

Car validations

```

diff --git a/app/models/car.rb b/app/models/car.rb
index 9317d93..b636ddc 100644

```

```

--- a/app/models/car.rb
+++ b/app/models/car.rb
@@ -1,8 +1,4 @@
  class Car < ApplicationRecord
    belongs_to :make
    has_and_belongs_to_many :parts
  -
  - validates :vin, presence: true, numericality: true, uniqueness:
true
  - validates :model, presence: true
  - validates :make_id, presence: true
  end

```

Make Validations

```

diff --git a/app/models/make.rb b/app/models/make.rb
index 2273438..c53d11d 100644
--- a/app/models/make.rb
+++ b/app/models/make.rb
@@ -1,6 +1,2 @@
  class Make < ApplicationRecord
  - has_many :cars
  -
  - validates :name, presence: true
  - validates :country, presence: true
  End

```

Part Validations

```

diff --git a/app/models/part.rb b/app/models/part.rb
index 2455f40..72dc3f4 100644
--- a/app/models/part.rb
+++ b/app/models/part.rb
@@ -1,5 +1,3 @@
  class Part < ApplicationRecord
    has_and_belongs_to_many :cars
  -
  - validates :name, presence: true
  end

```

Index updates to add search bar

Car index

```

diff --git a/app/views/cars/index.html.erb
b/app/views/cars/index.html.erb
index 125b646..a4c9c4a 100644
--- a/app/views/cars/index.html.erb
+++ b/app/views/cars/index.html.erb
@@ -31,11 +31,3 @@
  <br>
  <%= link_to 'New Car', new_car_path %>
-<br>
-

```

```

-<%= form_tag(search_cars_url, method: "get") do %>
-  <%= label_tag(:search, "Search by Model:") %>
-  <%= text_field_tag :search, params[:search],
-    data: { autocomplete: autocomplete_car_model_cars_path } %>
-  <%= submit_tag("Search") %>
-<% end %>

```

Make Index

```

diff --git a/app/views/makes/index.html.erb
b/app/views/makes/index.html.erb
index 77fc94d..f675780 100644
--- a/app/views/makes/index.html.erb
+++ b/app/views/makes/index.html.erb
@@ -27,10 +27,3 @@
  <br>

  <%= link_to 'New Make', new_make_path %>
-<br>
-<%= form_tag(search_makes_url, method: "get") do %>
-  <%= label_tag(:search, "Search by Make Name:") %>
-  <%= text_field_tag :search, params[:search],
-    data: { autocomplete:
autocomplete_make_name_makes_path } %>
-  <%= submit_tag("Search") %>
-<% end %>

```

Part Index

```

diff --git a/app/views/parts/index.html.erb
b/app/views/parts/index.html.erb
index 33ff8e0..bbclcf9 100644
--- a/app/views/parts/index.html.erb
+++ b/app/views/parts/index.html.erb
@@ -25,9 +25,3 @@
  <br>

  <%= link_to 'New Part', new_part_path %>
-<%= form_tag(search_parts_url, method: "get") do %>
-  <%= label_tag(:search, "Search by Part Name:") %>
-  <%= text_field_tag :search, params[:search],
-    data: { autocomplete:
autocomplete_part_name_parts_path } %>
-  <%= submit_tag("Search") %>
-<% end %>

```

Route Update

```

diff --git a/config/routes.rb b/config/routes.rb
index c38fcdb..44136c2 100644
--- a/config/routes.rb
+++ b/config/routes.rb
@@ -1,29 +1,6 @@
 Rails.application.routes.draw do
-  root 'cars#index'

```

```

-
- resources :parts do
-   get :autocomplete_part_name, on: :collection
-
-   collection do
-     get 'search'
-   end
- end
-
- resources :makes do
-   get :autocomplete_make_name, on: :collection
-
-   collection do
-     get 'search'
-   end
- end
-
- resources :cars do
-   get :autocomplete_car_model, on: :collection
-
-   collection do
-     get 'search'
-   end
- end
-
+ resources :cars
+ resources :parts
+ resources :makes
  # For details on the DSL available within this file, see
  http://guides.rubyonrails.org/routing.html
end

```

Testing Updates

Car Search Tests (updated creation test with a unique VIN)

```

diff --git a/test/controllers/cars_controller_test.rb
b/test/controllers/cars_controller_test.rb
index 7a36bac..c2f842f 100644
--- a/test/controllers/cars_controller_test.rb
+++ b/test/controllers/cars_controller_test.rb
@@ -3,27 +3,8 @@ require 'test_helper'
class CarsControllerTest < ActionDispatch::IntegrationTest
  setup do
    @car = cars(:one)
-   # @update = {
-   #   make_id: makes(:one),
-   #   model: "my model",
-   #   vin: 200
-   # }
  end

- # Custom Tests
-

```

```

- test "should find a car that exists" do
-   get search_cars_url, params: {search: "MyString"}
-   assert_select 'td', 'MyString'
- end
-
- test "shouldn't find a car that doesnt exist" do
-   get search_cars_url, params: {search: "I dont exist"}
-   assert_select 'td', false
- end
-
- # Scaffold Tests
-
-   test "should get index" do
-     get cars_url
-     assert_response :success
@@ -36,24 +17,12 @@ class CarsControllerTest <
ActionDispatch::IntegrationTest

-     test "should create car" do
-       assert_difference('Car.count') do
-         - post cars_url, params: { car: { make_id: @car.make_id, model:
@car.model, vin: 4 } }
+         post cars_url, params: { car: { make_id: @car.make_id, model:
@car.model, vin: @car.vin } }
-       end

-       assert_redirected_to car_url(Car.last)
-     end

-   # test "shouldn't create a car if the make does not exist" do
-   #   assert_no_difference('Car.count') do
-   #     post cars_url, params: { car: { make_id: "not a valid
make", model: @car.model, vin: 4 } }
-   #   end
-   #
-   #   # assert_redirected_to car_url(Car.last)
-   #
-   #   # post car
-   #   # car = Car.create(model: "model", vin: 400, make: "not a
valid make")
-   #   # refute car.valid?
-   # end
-
-     test "should show car" do
-       get car_url(@car)
-       assert_response :success

```

Make search tests

```

diff --git a/test/controllers/makes_controller_test.rb
b/test/controllers/makes_controller_test.rb
index 93a22b3..52dfd39 100644
--- a/test/controllers/makes_controller_test.rb
+++ b/test/controllers/makes_controller_test.rb

```

```

@@ -5,18 +5,6 @@ class MakesControllerTest <
ActionDispatch::IntegrationTest
  @make = makes(:one)
  end

  - test "should find a make that exists" do
  -   get search_makes_url, params: {search: "MyString"}
  -   assert_select 'td', 'MyString'
  - end
  -
  - test "shouldn't find a make that doesnt exist" do
  -   get search_makes_url, params: {search: "I dont exist"}
  -   assert_select 'td', false
  - end
  -
  - # Scaffold Tests
  -

  test "should get index" do
    get makes_url
    assert_response :success
  end

```

Parts search tests

```

diff --git a/test/controllers/parts_controller_test.rb
b/test/controllers/parts_controller_test.rb
index 8c89059..0191216 100644
--- a/test/controllers/parts_controller_test.rb
+++ b/test/controllers/parts_controller_test.rb
@@ -5,18 +5,6 @@ class PartsControllerTest <
ActionDispatch::IntegrationTest
  @part = parts(:one)
  end

  - test "should find a part that exists" do
  -   get search_parts_url, params: {search: "MyString"}
  -   assert_select 'td', 'MyString'
  - end
  -
  - test "shouldn't find a part that doesnt exist" do
  -   get search_parts_url, params: {search: "I dont exist"}
  -   assert_select 'td', false
  - end
  -
  - # Scaffold Tests
  -

  test "should get index" do
    get parts_url
    assert_response :success
  end

```

Updated fixture config to match db schema (uniqueness)

```

diff --git a/test/fixtures/cars.yml b/test/fixtures/cars.yml
index e93d513..0e67f35 100644
--- a/test/fixtures/cars.yml
+++ b/test/fixtures/cars.yml

```

```

@@ -8,4 +8,4 @@ one:
  two:
    make: two
    model: MyString
-   vin: 2
+   vin: 1

```

Model Tests

Car validation tests

```

diff --git a/test/models/car_test.rb b/test/models/car_test.rb
index 65ff56f..39bdaec 100644
--- a/test/models/car_test.rb
+++ b/test/models/car_test.rb
@@ -1,45 +1,7 @@
  require 'test_helper'

  class CarTest < ActiveSupport::TestCase
  - test "should create a car with a unique VIN and all fields
  present" do
  -   car = Car.create(model: "model", vin: 400, make: makes(:one))
  -   assert car.valid?
  -   assert car.save
  - end
  -
  - test "should not allow duplicate VINs" do
  -   car = Car.create(model: "model", vin: cars(:one).vin, make:
  makes(:one))
  -   refute car.valid?
  -
  -   assert_equal car.errors.messages, {:vin=>["has already been
  taken"]}
  - end
  -
  - test "shouldn't allow a non-number VIN" do
  -   car = Car.create(model: "model", vin: "not a number", make:
  makes(:one))
  -   refute car.valid?
  -
  -   assert_equal car.errors.messages, {:vin=>["is not a number"]}
  - end
  -
  - test "should require a VIN" do
  -   car = Car.create(model: "model", make: makes(:one))
  -   refute car.valid?
  -
  -   assert_equal car.errors.messages, {:vin=>["can't be blank", "is
  not a number"]}
  - end
  -
  - test "should require a model" do
  -   car = Car.create(make: makes(:one), vin: 400)
  -   refute car.valid?
  -

```



```

-   assert_equal car.errors.messages, {:model=>["can't be blank"]}
- end
-
- test "should require a make" do
-   car = Car.create(model: "model", vin: 400)
-   refute car.valid?
-
-   assert_equal car.errors.messages, {:make=>["must exist"],
:make_id=>["can't be blank"]}
- end
-
+ # test "the truth" do
+ #   assert true
+ # end
end

```

Make validation tests

```

diff --git a/test/models/make_test.rb b/test/models/make_test.rb
index 26c3100..8162f47 100644
--- a/test/models/make_test.rb
+++ b/test/models/make_test.rb
@@ -1,25 +1,7 @@
  require 'test_helper'

  class MakeTest < ActiveSupport::TestCase
  - test "shouldn't be valid without a name" do
  -   make = Make.create(country: "my country")
  -   refute make.valid?
  -
  -
  -   assert_equal make.errors.messages, {:name=>["can't be blank"]}
  - end
  -
  - test "shouldn't be valid without a country" do
  -   make = Make.create(name: "my name")
  -   refute make.valid?
  -
  -
  -   assert_equal make.errors.messages, {:country=>["can't be
blank"]}
  - end
  -
  - test "should be valid with a name and a country" do
  -   make = Make.create(name: "my name", country: "my country")
  -   assert make.valid?
  -   assert make.save
  - end
+ # test "the truth" do
+ #   assert true
+ # end
end

```

Part validation tests

```
diff --git a/test/models/part_test.rb b/test/models/part_test.rb
index d23f06a..bba3103 100644
--- a/test/models/part_test.rb
+++ b/test/models/part_test.rb
@@ -1,13 +1,7 @@
  require 'test_helper'

  class PartTest < ActiveSupport::TestCase
  - test "should require a name" do
  -   part = Part.new
  -   refute part.valid?
  -   assert_equal part.errors.messages, {:name=>["can't be blank"]}
  -
  -   part.name = "my name"
  -   assert part.valid?
  -   assert part.save
  - end
+ # test "the truth" do
+ #   assert true
+ # end
  end
```

Other Updates

Javascript to enable autocomplete

```
diff --git a/app/assets/javascripts/cars.coffee
b/app/assets/javascripts/cars.coffee
index 59713bf..24f83d1 100644
--- a/app/assets/javascripts/cars.coffee
+++ b/app/assets/javascripts/cars.coffee
@@ -1,9 +1,3 @@
  # Place all the behaviors and hooks related to the matching
  controller here.
  # All this logic will automatically be available in application.js.
  # You can use CoffeeScript in this file: http://coffeescript.org/
  -
  -$(document).on 'turbolinks:load', ->
  -  $("input[data-autocomplete]").each ->
  -    url = $(this).data('autocomplete')
  -    $(this).autocomplete
  -      source: url

diff --git a/app/assets/javascripts/makes.coffee
b/app/assets/javascripts/makes.coffee
index 59713bf..24f83d1 100644
--- a/app/assets/javascripts/makes.coffee
+++ b/app/assets/javascripts/makes.coffee
@@ -1,9 +1,3 @@
  # Place all the behaviors and hooks related to the matching
  controller here.
  # All this logic will automatically be available in application.js.
```

```

# You can use CoffeeScript in this file: http://coffeescript.org/
-
-$(document).on 'turbolinks:load', ->
-  $("input[data-autocomplete]").each ->
-    url = $(this).data('autocomplete')
-    $(this).autocomplete
-      source: url

diff --git a/app/assets/javascripts/parts.coffee
b/app/assets/javascripts/parts.coffee
index 59713bf..24f83d1 100644
--- a/app/assets/javascripts/parts.coffee
+++ b/app/assets/javascripts/parts.coffee
@@ -1,9 +1,3 @@
# Place all the behaviors and hooks related to the matching
controller here.
# All this logic will automatically be available in application.js.
# You can use CoffeeScript in this file: http://coffeescript.org/
-
-$(document).on 'turbolinks:load', ->
-  $("input[data-autocomplete]").each ->
-    url = $(this).data('autocomplete')
-    $(this).autocomplete
-      source: url

```

CSS requirement update

```

diff --git a/app/assets/stylesheets/application.css
b/app/assets/stylesheets/application.css
index 89e3819..d05ea0f 100644
--- a/app/assets/stylesheets/application.css
+++ b/app/assets/stylesheets/application.css
@@ -12,5 +12,4 @@
*
*= require_tree .
*= require_self
- *= require jquery-ui
*/

```

Javascript Requirement update

```

diff --git a/app/assets/javascripts/application.js
b/app/assets/javascripts/application.js
index 533bfc7..82e6f0f 100644
--- a/app/assets/javascripts/application.js
+++ b/app/assets/javascripts/application.js
@@ -11,7 +11,6 @@
// about supported directives.
//
//= require rails-ujs
+//= require activestorage
//= require turbolinks
-//= require jquery
-//= require jquery-ui

```

```
//= require_tree .
```

Gem File Updates for AutoComplete and JQuery

```
diff --git a/Gemfile b/Gemfile
index 62959bb..19ae71f 100644
--- a/Gemfile
+++ b/Gemfile
@@ -60,7 +60,3 @@ end

  # Windows does not include zoneinfo files, so bundle the tzinfo-
  data gem
  gem 'tzinfo-data', platforms: [:mingw, :mswin, :x64_mingw, :jruby]
-
-gem 'autocomplete_rails'
-gem 'jquery-rails'
-gem 'jquery-ui-rails'

diff --git a/Gemfile.lock b/Gemfile.lock
index 9e98df1..e08aa7b 100644
--- a/Gemfile.lock
+++ b/Gemfile.lock
@@ -47,8 +47,6 @@ GEM
   archive-zip (0.12.0)
   io-like (~> 0.3.0)
   arel (9.0.0)
-  autocomplete_rails (0.4.1)
-  rails (>= 4.0, < 5.3)
  bindex (0.8.1)
  bootsnap (1.4.5)
  msgpack (~> 1.0)
@@ -86,12 +84,6 @@ GEM
  io-like (0.3.0)
  jbuilder (2.9.1)
    activesupport (>= 4.2.0)
-  jquery-rails (4.3.5)
-  rails-dom-testing (>= 1, < 3)
-  railties (>= 4.2.0)
-  thor (>= 0.14, < 2.0)
-  jquery-ui-rails (6.0.1)
-  railties (>= 3.2.16)
  listen (3.1.5)
    rb-fsevent (~> 0.9, >= 0.9.4)
    rb-inotify (~> 0.9, >= 0.9.7)
@@ -199,15 +191,12 @@ PLATFORMS
  ruby

DEPENDENCIES
-  autocomplete_rails
  bootsnap (>= 1.1.0)
  byebug
  capybara (>= 2.15)
  chromedriver-helper
  coffee-rails (~> 4.2)
```

```
jbuilder (~> 2.5)
- jquery-rails
- jquery-ui-rails
listen (>= 3.0.5, < 3.2)
puma (~> 3.11)
rails (~> 5.2.3)
```

GitConfig update

```
diff --git a/.gitignore b/.gitignore
index f3ae195..81452db 100644
--- a/.gitignore
+++ b/.gitignore
@@ -4,8 +4,6 @@
 # or operating system, you probably want to add a global ignore
 instead:
 #   git config --global core.excludesfile '~/.gitignore_global'

-.idea/
-
 # Ignore bundler config.
/.bundle
```