Homework for April 12th

Summary

You will be updating your store application with some new functionality, using many of the concepts we've learned recently including: Migrations, Filters, Templates, Routes,

Migrations

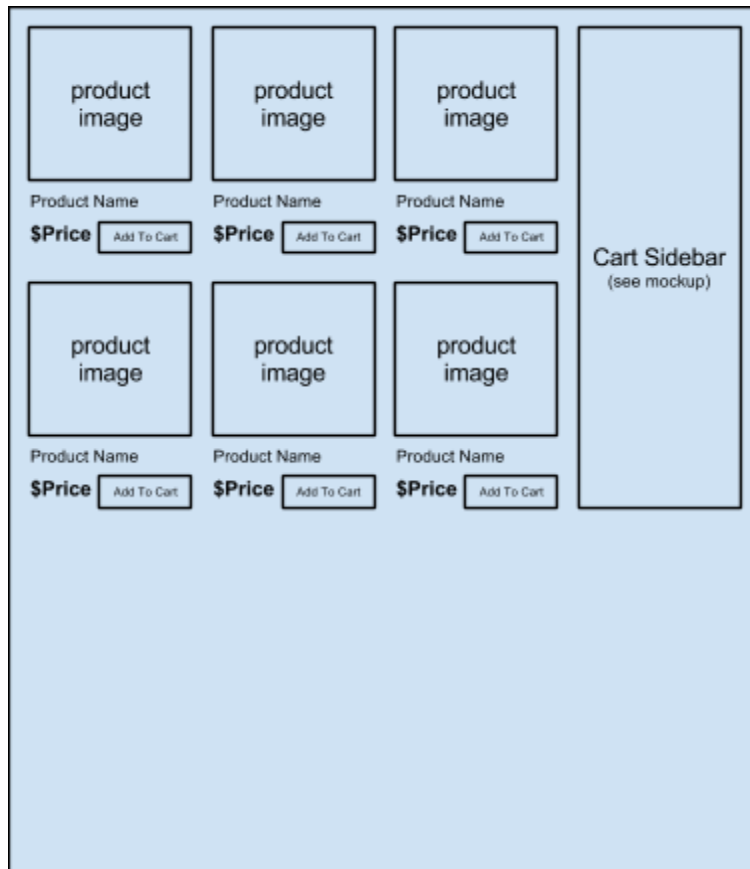Update the schema for the project in the following way:

migrations
- Products should now have a body field for description which will contain large amounts of text (that's text, not string).
- Products should now have an image URL field which will contain a URL
- Products should have a boolean flag called "in_cart". This will be used to add items to the cart.

Front-end Styling

Style your pages according to the following instructions:

Product List (ex. /products

The listing should be smart enough to display a message or a placeholder image if no image is provided for a product.

Product Detail (ex. /product/2)

product image

$Price

Add To Cart

3 reviews

edit product

Cart
Sidebar
(see mockup)

Product Name

Duis mollis, est non commodo luctus, nisi erat porttitor ligula,
eget lacinia odio sem nec elit. Vestibulum id ligula porta felis
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euismod. Vivamus sagittis lacus vel augue laoreet rutrum
faucibus dolor auctor.

Reviews

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egestas eget quam.

Add Review

Cart Sidebar (included in Product List and Product Detail)

Your Cart

MacBook Pro	$1950.00
iPhone	$450.00
Logitech Mouse	$39.99
RailsCasts Subscription	$20.00
	$2459.99

Logic for Cart

We now have Products and Products have a flag called "in_cart" that tells us if an item is in the cart.

Hint: Use a before filter to load an array of all the products in that are in the cart so your view partial can access it later.

Add 2 routes which can be used to add an item to the cart and remove an item from the cart, for example "/products/1/add-to-cart" and "/products/1/remove-from-cart". Create forms (using regular HTML for the FORM tag and views helpers for the hidden tag and buton tag) that point at these routes, which allow you to add and remove items from the cart. These should be POSTs as we are modifying data.

To display the cart on the Listing page AND on the Detail page, use Render in your View. This is sometimes called "Rendering a partial". You will need to name your view with an underscore first because it is a partial (just like _form). I suggest naming it "_cart".

Again, for now, **there will only be one order record**. We will extend the app later to support multiple orders.

Refactoring

If you created any links using HTML, update them to use **link_to** and **_path** views helpers.

Validations

Add validations to make sure that product names are unique and not blank.
Add validations to make sure that reviews are longer than 50 letters and less than 1000 letters.
Add validations to make sure that products have a price.
Add validations to make sure that reviews have a rating between 0 and 5.

Routing

We don't want the user to be able to see a list of ALL reviews or an individual review, or delete review. Remove the reference to **resources :reviews** and then re-add only the following routes: new, create. Remove un-needed views for those deleted routes. Delete un-needed actions from the controller.

Bonus Time!

Add the ability to remove products from the cart.

Add a feature to display the product listing grid sorted by 1) Name and 2) Price