

## **P1.2 Design Critique**

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### **Summary Assessment from User Perspective**

#### ***Interface***

It's good that you only allow users to set the name of a new website that's being created. However, I don't know the ID numbers of the website being tracked - there is nothing on any of the screens that tells me what the ID number of the websites is. It would have been more convenient for users to list the Visit and Average Duration time on the main /sites listing, rather than making that data visible only on the info page for that specific site.

A site that has been set up but not yet visited should probably be listed as having 0 visits and 0 average duration, rather than being left completely blank.

#### ***Functionality***

I ended up using the ID number in the URLs to try and set up my JavaScript code for this tracking service. I tried to guess the appropriate parameter names to use in my JS snippet by looking through your code, but I couldn't get it to work. Next time, please make sure to provide critical setup instructions in the README or on the website itself.

Since I couldn't get it to work, I am unable to evaluate whether or not the site works as expected in tracking visits to different pages of one site. Based on looking at your code, it seems that your project should meet those requirements.

### **Summary Assessment from Developer Perspective**

Many methods are missing specs and comments. Though I could get the gist of the methods by reading the code, specs would have helped me do it in half the time.

#### ***sites\_controller.rb***

Your **visit** method looks good. It's great that you were able to contain all the site update code in your `site.makeVisit` method.

#### ***site.rb***

In the **makeVisit** method, I don't think it's necessary to search for the site in question if you're already in an instance method; you can just use "self" to instead of "@site" to refer to the object that the method is being called on. And as Prof. Jackson mentioned during class, use `Page.find_or_create_by_name` instead of `find_by_name`, then creating.

#### ***pages\_controller.rb***

Make sure to remove any unused scaffolding commands.

#### ***page.rb***

Good that you set defaults with a `before_create`. Specs would have helped to explain what units time was measured in.

### **Most Successful Decisions**

Good method design (writing them cleanly, and in the appropriate classes)

### **Least Successful Decisions**

Not including the JS snippet (need to consider usability for the grader/user)

### **Priorities for Improvement**

Commenting your code and making sure that graders will be able to evaluate your whole site easily