A beginner’s guide to:

**Building a website with Ruby on Rails!**

**Before you begin:**

This guide will help you build your own website using the Rails Framework for Ruby

Your should already have a basic understanding of the Ruby programming language and its syntax and you should know what Rails is. I also highly recommend that you know HTML and CSS. This guide covers only OSX and Linux however it would work on Windows with Git Bash and not in command prompt.

I am not going to cover installation of Ruby and Rails so if you haven’t done so, install them now. Here is a useful website for that: <http://installrails.com/>

**Setting up your project:**

1. Create a new Rails project.
   1. Open Terminal and navigate to the desktop. This is where you will create your project. To do this, enter:
      1. cd ~/Desktop
         1. <cdDesktop.png>
         2. cd stands for ‘change directory’
   2. Create your new project.
      1. In Terminal, type:
         1. rails new sample\_app
            1. I am going to call my project sample\_app but you can enter whatever you want instead. Just remember, any spaces need to be replaced with underscores “\_”.
      2. You have just created your first Rails project. Nice job!
   3. Let’s navigate to your new project in the Terminal.
      1. In Terminal, type:
         1. cd sample\_app
      2. Done!
2. Start the server so we can see our website.
   1. In Terminal, type:
      1. rails server
         1. This can also be shortened to ‘rails s’
      2. You should see something like this.
         1. <railsServer.png>.
   2. In your web browser, enter ‘http://0.0.0.0:3000/’ and you should see a welcome to Rails page.
      1. <welcomePage.png>
   3. For the duration of this guide, I will have the server running. Since we are doing this, we need to open a new Terminal window to enter future commands.

**Create a web page**

1. Open your preferred text editor. I prefer Brackets because it is simple and looks good. A more popular one that you may use is Sublime Text. Both will work for our purposes.
   1. Open your project folder in your text editor. You should be able to see something like this with all of the folders laid out.
      1. <openTextEditor.png>
   2. Take a look around and familiarize yourself with where things are. The main folders to look out for are assets, controllers, models, and views.
2. Some quick info
   1. If you navigate to