This walkthrough will instruct you on how to set-up your programming environment, and make the requested changes to your app.

DISCLAIMER: This walkthrough requires that you navigate your computer through its terminal (unix shell,) edit code in an IDE, and deploy that new code to Heroku--the online environment where your MEAN application lives. Every time you want to make a change to your app, you will have to do all of these things.

Setting up your programming environment.
[Install Node.js](#) (AKA "node" AKA "npm")
[Install Homebrew](#) (AKA "brew")
[Install Sublime](#) <- This is where you will edit code. Think of it like Microsoft Word for code.
[Sign-up and follow installation instructions for Heroku](#)
[other necessary installations will be handled by node or homebrew; both of these things are software that helps you install software properly--crazy right?]

Open your computer's terminal.
Download the project
cd into your project directory (this is a unix command)
Type "npm install" to install necessary software to run the project
Type "brew install" to install necessary software to run the project

Open the project in Sublime by dragging the project folder into an empty sublime window

To make changes to the names of the axis:
Open the index.html file located in the folder "public" and make the necessary changes starting on line 35

To add photos / remove photos:
-Add or remove photos in the images folder located in public/images
-Go to the file PhotoCtrl.js located in public/js/controllers and make necessary removals or additions to that list of filenames

To change the drop down menu
-You will be making changes in the index.html and PhotoCtrl.js file
Index.html:
On line 54 you should see this:

```
<li role="presentation"><input id="{{'a-' + image}}" ng-click="setTag('a', image, 'a-' + image)" type="checkbox" role="menuitem" tabindex="-1" href="#">a</input></li>
```

This is the dropdown option that says "a" in the demo. If you'd like to change it to, for example, "dog", you'd do this:

```
<li role="presentation"><input id="{{'dog-' + image}}" ng-click="setTag('dog', image, 'dog-' + image)" type="checkbox" role="menuitem" tabindex="-1" href="#">dog</input></li>
```

If you need to add more options--that's easy!--just copy and paste the above code snippet and make the necessary additions. This code snippet is simply one item ("option" for the dropdown) in a list...So you can have however many list items you'd like

THEN YOU MUST GO TO…

PhotoCtrl.js line:24 and make the necessary changes to the list names

Save your changes and deploy your app to Heroku!

That's it :)