Organization and Structure:

In the main tree, a user will find several files and two folders. The "node_modules" folder hosts useful programs and code that our website utilizes (such as express). The folder entitled "views" hosts the html web pages that will be served to a user. In the main directory are very important files that are required for our website to run. The most important files that you will find are the "server.js," "script.js," and "package.json." The server.js file is used to run the website (locally or remotely) and will serve the appropriate web pages, perform queries to our database, and run important programs. The script.js file hosts the code that is the basis for the website. There are important functions that calculate and suggest locations based on user preferences and others that build the map, using the Google API, on our final webpage. Finally, the package.json file is used, in conjunction with heroku.com, to host our website on heroku.com.

How to Run and Test the Code:

Our website has a simple structure that makes it easy to deploy and test. It is important that a user follow the steps below to test the website:

1. Download the source code from github.com
2. Download Node.js
3. From a terminal within the working directory, run the command: node server.js
4. Open a browser and visit localhost:3000/
5. The homepage of the website should be displayed
6. Click on the Get Started button
7. The preferences page of the website should be displayed
8. Fill in the six fields with your preferences and click submit
9. The suggestions page should be displayed
10. Check that locations are marked on the final page and close the browser