Vision Statement (WIP)

Project title: The Great, Fantastic, CJ Affiliate Project

Team: The Great, Fantastic Team

Team Lead and email: Joey Zhang (chongyu@ucsb.edu)

Team Members and emails:

- Nathan Guan (nguan@ucsb.edu)
- Kyle Ng (kyleng@ucsb.edu)
- Minliao Li (minliao@ucsb.edu)
- Zhuo Chen (zhuo@ucsb.edu)

General Overview:

This project aims to take in a stream of products/offers and checks the relevancy of those products/offers based on what is trending on social media.

Problem We Are Trying to Solve:

A blogger might be trying to choose from a multitude of products and offers to review. Many bloggers will do research on many different products individually to find the best offer to recommend. Instead with this product, they input products and offers from a stream of data that is provided and filter the stream by relevance on what is trending. For us to decide what is relevant, we will look for what is trending on social media platforms.

Outcome:

We will produce an algorithm that will take in sample data from CJ and filter out the irrelevant products and offers. Then we will display all of the offers on a separate web application that we will also build and recommend them based on our filter (in this case, what is trending on social media). This will allow bloggers to advertise the most significant things on the blog.
Milestones:

- MVP: Web app with a display of "good" offers
- Working sorting algorithm
- Working REST API
- Takes in sample data instead of hard-coded data
- REST API displays offers as list of text

Technologies we plan to use:

- We will create a website to display the data that we collect
- Code from CJ
- HTML, CSS, JavaScript, ReactJS

Overview:

- Sprint 1: Choose tools or APIs to use. Outline workflow. Work on front end web app and tool to read in offers (separate for now)
- Sprint 2: Work on tool to sort relevancy of offers
- Sprint 3: Combine tools with web application front end
- Sprint 4: Assure bugs are fixed and MVP is ready for short demo