

# CS 410 Project Progress Report

## Team Members:

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## 1) Which tasks have been completed?

- The team has finished the stopwords gathering.
- The team has built a front-end template for web pages using vanilla HTML and CSS.
- The team has implemented the MongoDB setup and connection.

## 2) Which tasks are pending?

- We are trying to create a filter to remove messages and comments that don't contain valuable data for our project.
- We will create a classifier dataset consisting of labeled documents in the categories of our goods. For example, "LEGO" should be classified as a toy, and "Bottle" should be identified as household goods.
- We are going to focus data gathering on the open Facebook groups API. Data will be extracted using Facebook's GraphAPI, which is the current API we are trying to implement in our project.
- Save and query the extracted data in MongoDB that we have created.

### **3) Are you facing any challenges?**

- We are looking for and comparing different web APIs to find an appropriate API to collect needed market data that will be used for the project.
- Trying different criteria of creating filters to remove messages and comments that don't contain valuable data for our project.