MCI project Final Milestone Plan

Team: 30

Project Title: Trend Identification on Stack Overflow

Milestone	Activities	Projected Outputs
Define the final milestone to be completed by end of week 12	List activities required to achieve milestone	Define projected outputs from your work plan
To create a trend identification system, complete with an interface that users can interact with, which highlights and brings forward the most abundant trend patterns during a specified time frame, and show changes in trends over a series of time frames..	To create a user interface (frontend) that accepts necessary information	The user interface should accept input for time frames and the number of posts.
	Interfacing between the frontend and backend	To create a NodeJS based user interface working on the Electron API that would easily be able to integrate with the backend, via Flask
	Hosting of project code on a server, for easy access.	The user interface page along with the backend processing the queries should all be running on one server, so that it could be accessed from anywhere.
	Inform the user about estimated processing time and prevent the user from entering a number of posts that is too large	To display the estimated processing time once the user enters a number of posts and set a upper limit on the number of posts
	Filter out incorrect results caused by defects of the NLP library	The results should only contain two-word phrases with a space in the middle and either one of the two words should contain at least one English letter
	Establish a method to select phrases to be displayed	Determine whether to select the most popular phrases from every time frame or to combine all results and select the overall most abundant phrases
	Enable user to search for trends related to a specific word	Be able to display trends related to a word entered by the user