Project Milestone 2
Team Number - 200-2

Jake Henson
Andrew Pickner
AJ Jones
Yuxi Liu
Fengyuan Zhang

Project Features List

Document (as a bullet point list) the major FEATURES of your software application.
Each features should have a TITLE followed by a brief DESCRIPTION of that feature.

- *Works With Any Webpage -* Can paste <u>any</u> webpage into the site
- *Different Types of Data Analysis -* The application can display metadata (e.g. how much of the page consists of text/images) and also display information **about** the text parsed in (e.g. what % of the text is adjectives, filler-words/names/etc)
- *Photo List -* Provides a viewable list of all the images on the webpage
- *GUI Breakdown of Metadata -* Displays a simple visual breakdown of the information on the web page in a simple dashboard of data
- *Export Data -* Allows for the ability to export data from the site, so that data scientists can further use the data we gather
- *Share Data -* Send the information obtained via email, or social media, etc.
- *Save Data to a User Account -* History record function, saves the user's previously searched websites

Note - Since we are using the iterative design/development method, these features are subject to change depending on our project. We may add, remove or improve these features as time goes on!

Functional and Nonfunctional Explanation of Features

> ### *Export Data:*
> -Functional
> - When the user clicks "export data" button the data can be exported
> - User gets to choose where they want to save the data
>
> -Non Functional
> - There should be multiple file formats for the user to export to
>
> ### *Share Data:*
> -Functional
> - When the user clicks "share data" button a list of social networks and shareable locations pop-up
> - User gets to choose where they want to share the data
>
> -Non Functional

- Maybe there should be a way to share the data as different file types

Save Data:

-Functional

- The users will be able to sign in and out of our app with their profiles
- User gets to save previous searches in their profile for easy future access

-Non Functional

- Acts like a browsers history capturing feature

GUI Breakdown:

-Functional

- The GUI breakdown will display data/info using graphs and plots

-Non Functional

- Basically a data dashboard

Photo List:

-Functional

- Provide a section to view all of the images that are found on a webpage

-Non Functional

- Possibly implemented using a Bootstrap carousel
- Storing images in a database and retrieving them later using backend scripting (likely Javascript + bootstrap)

Project Plan

We are using a basic Kanban board on Github for project management.
You can find the Kanban here:
https://github.com/aaayejaaaye/CSCI-3308-Milestone-Submission/projects/1