

Project Milestone 2

Team Number - 200-2

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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 any 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 to, remove or improve these features as time goes on!

Requirements

Document the key FUNCTIONAL and NONFUNCTIONAL requirements for a minimum of SIX features.

Follow one of the formats/templates provided in class.

Your application will likely have many more features, and you should create requirements documents for all the features.

But for this milestone, you need only turn in SIX requirements documents.

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>