Test Plan: Phase 2
InfoCrawler
Team 1

Backlog:

A. As a user, I would like to provide a target URL for the program to use. (Severity 1)
B. Enter a target URL where prompted
C. The URL is correctly accepted by the application

A. As a user, I would like to crawl the data by providing either keyword or HTML element. (Severity 1)
B. Enter keyword or HTML element where prompted
C. The data corresponding to the given keyword or HTML element is crawled successfully.

A. As a user, I would like to choose between the repeat mode and periodic mode. (Severity 2)
B. Given the choice, choose between repeat mode and periodic mode
C. Selected mode is applied when crawling

A. As a user, I would like to choose a different method to perform searching. (Severity 2)
B. Choose between Word by Word and RegEx
C. Chosen method is used to perform searching

A. As a user, I would like to run different jobs at the same time. (Severity 2)
B. Create multiple jobs concurrently
C. Jobs are all created and run at the same time

A. As a user, I would like to receive notifications when the job is done. (Severity 2)
B. Queue a job and select notification as an option, and provide means of notification
C. Notification is given when job's done.

A. As a user, I would like to access this tool using the command line. (Severity 2)
B. Run tool via command line
C. Tool is run through command line

A. As a user, I would like to access this tool through GUI. (Severity 2)
B. Open tool as GUI
C. Tool is accessible as a GUI

A. As a user, I would like the ability to filter out the unwanted crawled data. (Severity 2)
B. Apply filters
C. Filters are applied, only wanted crawled data is provided

A. As a user, I would like to save the results into a file. (Severity 2)
B. Choose to save results into a file
C. Results are saved into a file

A. As a user, I would like to use command line flags when running the tool from a script (Severity 2)
B. Have a script with required flags as arguments, execute script
C. Program is run without any other user interaction required.

A. As a user, I would like the application to not fail when leaving required fields empty. (Severity 1)
B. Leave any of the required fields empty for any given mode
C. Program does not fail

A. Stop keyword is a substring of Start keyword (Severity 2)
B. Start keyword is "this", stop keyword is "is"
C. Output works as expected, no errors or failures

A. As a user, I would like to enter keywords that never appear on the page (Severity 2)
B. Supply a start or stop keyword that is not in the supplied page
C. Program provides empty output if start keyword doesn't exist, or perhaps from start keyword to end of file if stop keyword doesn't exist

A. As a user, I would like to use the functionality of periodic mode (Severity 2)
B. Select periodic mode, specify time interval and start a job
C. Job is run every X seconds, periodically, as specified before starting the job

A. As a user, I would like to have all functionality work consistently across modes (Severity 2)
B. Perform execution across all modes
C. All modes should output the same, regardless of correctness

A. As a user, I would like to have all functionality work consistently across search methods (Severity 2)
B. Perform execution with each search method
C. All modes should output the same, regardless of correctness

A. As a user, I would like consistent functionality between GUI and command line interfaces. (Severity 2)
B. Run GUI and run CLI
C. Expect same functionality

A. As a user, I would like the program to recognize HTML tags without printing them (Severity 2)
B. Have a keyword be an HTML tag on the page
C. Output is normal and contains no HTML tags

A. As a user, I would like to use any valid URL to gain expected output (Severity 2)
B. Use many different classes of URLs when creating a job
C. Outputs properly in all cases

A. I would like the program to fail gracefully when using a non-existent URL (Severity 2)
B. Use a URL that would otherwise return something other than an HTTP 2XX response code
C. Program does not fail

A. As a user, I would like to use repeat mode to replace "XXX"s with an interval (Severity 2)
B. Specify a URL with three X's, as well as an interval, while in repeat mode
C. Program outputs as expected

A. As a user, I would like the application to fail gracefully when any given fields are out of bounds, such as integers. (Severity 1)
B. An Interval is given as larger than max integer
C. Error should not be given

A. As a user I would like the application to support very large intervals (Severity 2)

B. Create interval from 0 to MAX_INT - 1

C. Program runs as expected with no errors or failures.

A. As a user, when I click clear results I want the results to be cleared and nothing else (Severity 3)

B. Click clear results after a job is finished

C. Results are cleared and all other information is intact