

# Black Box Testing

## InfoCrawler

### Team 1

#### Inspection Defect Log

Product	Infocrawler		
Date	April 23, 2015		
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Defect #	Description	Severity	Expectations
1	User input is deleted when 'Clear Results' button is pressed.	2	Only the results are cleared. User input is preserved.
2	Application does not show any kind of warning or alerts when it fails.	1	An alert of failure should be given
3	Application does not have an option to save output to a file.	2	After completing a request, application should allow output to be downloaded
4	Application fails when required fields are left empty.	1	When required fields are left empty, alert should be given indicating that this is the case
5	In CLI, there is no way to go back to previous menus.	3	When navigating options and screens in the CLI, an option to go back is given

6	In CLI, there is no fast way to skip optional parameters.	3	Optional arguments are not asked for until the very end, and not in an order, but as a choice from a single screen
7	For systems with a JVM, but not Make, there is no way to run the application as the instructions describe	1	Provide multiple execution methods that are platform specific, such as bash and batch scripts, as well as instructions to execute using the java executable
8	In the GUI, in any given mode, more fields are shown than can be used.	3	Hide all fields that are not applicable for a given mode
9	In GUI, when using Word by Word method, the application always fails.	1	Any mode with Word by Word should execute properly
10	Input is not validated and provides raw errors	2	Input should be validated and provide an alert when input is invalid
11	Periodic mode always provides a failure in any mode with valid input	1	Periodic mode should not have a failure and should output desired results
12	CLI asks you if your keyword is an HTML element, while GUI does not	3	CLI and GUI should ask or not ask this consistently
13	CLI has “filter” feature, and GUI has search and replace feature	3	CLI and GUI should be consistent on this.
14	In CLI, using Filter causes application to crash	1	Filtering should work as intended and no crash or failure should occur
15	When email feature is requested, email is never received	2	Email should be received promptly
16	In CLI, HTML tag match does not allow for regex to be input as keyword and therefore makes HTML matching and regex largely incompatible	2	Ask if regex or word by word first and allow regex input if set to regex

17	In CLI, when using tag matching, certain non-standard tags are considered “invalid”, when any alphanumeric combination between < and > is a valid element	3	Any alphabetical input for tag should be accepted, not scrubbed.
18	In CLI, when using tag matching, the program finds the opening tag and then the next closing tag of that same type	2	Matching should find the BALANCING tag, not just the next closing ones, otherwise nested <div> tags, a common paradigm, causes failure
19	In CLI, when using tag matching, behavior is undefined when searching for self-terminating tags, since they have no “balancing” tag	3	Behavior should be explained as either “nothing” or “everything after”
20	In CLI, when using tag matching, the matcher only searches for the left angled bracket and name, and therefore outputs all attributes for that tag if any, and always outputs the right bracket	2	Output should only be the contents of the tag as it would be formed in a DOM
21	If a tag being matched is the beginning of another tag contained in a tag being matched (Ex. <link><li></li> this finds “nk><li>”) then this finds the substring tag	3	Should only match whole tags
22	If an ending tag has a space after the element type (Ex. </div >) this tag is not found as the balancing	3	Should still match this, as it is valid HTML to have a space after the tag name, since it’s just any empty attribute list.
23	When a right > is missing from the starting tag, the element is still parsed as if it’s a correct tag	3	Tag should NOT be viewed as a tag, and the ending tag should NOT be viewed as the balancing tag for this invalid starting tag, since the “<div” example is valid HTML, and not parsed as a tag.

24	When NOT using tag-matching mode, the application is still searching from the source of the page, including tags, instead of only the content of the page, as it would be displayed	2	Matching should be done only on what would've been output to the webpage by an HTML interpreter.
25	In CLI, when creating multiple jobs, the application crashes after the last job is entered.	1	App does not crash and jobs run concurrently