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Defects for InfoCrawler (Black-Box Testing)

Product	InfoCrawler GUI		
Inspectors	Austin Rauschuber		
Defect #	Description	Severity	How Corrected
1	Jobs Do Not Run Asynchronously	1	N/A
1	Select "Single Page" Mode		
2	Select Word by Word		
3	Insert a URL such as <a href="http://www.rottentomatoes.com">http://www.rottentomatoes.com</a>		
4	Insert start and end keyword such as "Score" and "Yet"		
Result	Client Freezes Up While Parsing Web Page		
Expected	Client Process Job in new Thread		

Product	InfoCrawler GUI		
Inspectors	Austin Rauschuber		
Defect #	Description	Severity	How Corrected

2	Word by Word returns result followed by series of "null"	3	N/A
1	Select "Single Page" Mode		
2	Select Word by Word		
3	Insert a URL such as <a href="http://www.rottentomatoes.com">http://www.rottentomatoes.com</a>		
4	Insert start and end keyword such as "Banana" and "1"		
5	Press Get Result		
Result	Expected Result "Series Series" is followed by a series of "null"s		
Expected	"Series Series"		

Product	InfoCrawler GUI		
Inspectors	Austin Rauschuber, Mitchell Hanberg		
Defect #	Description	Severity	How Corrected
3	Array Index Out Of Bounds Exception on seemingly arbitrary end keywords	2	N/A

1	Select "Single Page" Mode
2	Select Word by Word
3	Insert a URL such as http://www.rottentomatoes.com
4	Insert start and end keyword such as "Marvel's" and "Season"
5	Press Get Result
Result	ArrayIndexOutOfBoundsException
Expected	"Daredevil Daredevil Daredevil"

Product	InfoCrawler GUI		
Inspectors	Austin Rauschuber		
Defect #	Description	Severity	How Corrected
4	Null Pointer Exception when End Keyword on searched page contains unicode rather than ascii characters	2	N/A
1	Select "Single Page" Mode		
2	Select Word by Word		

3	Insert a URL such as <a href="http://en.wikipedia.org/wiki/PlatinumGames">http://en.wikipedia.org/wiki/PlatinumGames</a>
4	Insert start and end keyword such as "PlatinumGames" and "Gemuzu", where the match of the latter on the page is "Gēmuzu"
5	Press Get Result
Result	NullPointerException
Expected	Proper match / error stating that only ascii values are accepted

Product	InfoCrawler GUI		
Inspectors	Austin Rauschuber		
Defect #	Description	Severity	Correction
5	Errors provide full stack trace in cmd rather than understandable error message	3	N/A
1	Select "Single Page" Mode		
2	Select Word by Word		
3	Insert a URL such as <a href="http://en.wikipedia.org/wiki/PlatinumGames">http://en.wikipedia.org/wiki/PlatinumGames</a>		
4	Insert start and end keyword such as "PlatinumGames" and "Gēmuzu", where the		

	match of the latter on the page is "Gēmuzu"
5	Press Get Result
Result	"Exception in thread "Awt-EventQueue-0" java.lang.NullPointerException at InfoCrawlerGui2.... at javax.swing.... at javax.swing... etc"
Expected	Understandable Error message provided in GUI or cmd

Product	InfoCrawler GUI		
Inspectors	Austin Rauschuber		
Defect #	Description	Severity	Correction
6	Entirety of page after Start Keyword returned when End Keyword not found	2	N/A
1	Select "Single Page" Mode		
2	Select Word by Word		
3	Insert a URL such as <a href="http://www.rottentomatoes.com">http://www.rottentomatoes.com</a>		
4	Insert start and end keyword such as "Score" and "Value" where the later is not on the page		

5	Press Get Result
Result	Entire page after first instance of "Score" returned
Expected	Error message stating that "Value" was not found

Product	InfoCrawler GUI		
Inspectors	Michael Lee, Joe Swanson		
Defect #	Description	Severity	Correction
7	The keyword in the 'Remove' parameter is not being filtered out in the result.	2	N/A
1	Select "Single Page" Mode		
2	Select Regular Expression		
3	Insert a URL such as <a href="http://en.wikipedia.org/wiki/Etrian_Odyssey">http://en.wikipedia.org/wiki/Etrian_Odyssey</a>		
4	Set Start Keyword as 'Drawing', End Keyword as 'advancement', and Remove Keyword as 'titles'.		
5	Press Get Result		
Result	Entire page after first instance of "Drawing" and before first instance of		

	"advancement" is returned. The word "titles" remains in the result.
Expected	The paragraph between the start and end keywords without any instance of "titles."

Product	InfoCrawler GUI		
Inspectors	Michael Lee		
Defect #	Description	Severity	Correction
8	Email does not appear to send	2	N/A
1	Select "Single Page" Mode		
2	Select Regular Expression		
3	Insert a URL such as <a href="http://en.wikipedia.org/wiki/Etrian_Odyssey">http://en.wikipedia.org/wiki/Etrian_Odyssey</a>		
4	Set Start Keyword as 'Drawing', End Keyword as 'advancement', and Remove Keyword as 'titles'.		
5	Press Get Result		
Result	No email is sent when the results are found.		
Expected	An email should be sent to the provided email address to alert you that the job is done.		

Product	InfoCrawler GUI
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Inspectors	Michael Lee		
Defect #	Description	Severity	Correction
9	Attempting to search with empty inputs throws an error	3	N/A
1	Run the InfoCrawlerGUI		
2	Don't fill in any fields, leave everything as default.		
3	Press Get Result		
Result	A stack trace is shown in the terminal with a NullPointerException		
Expected	The program should check if the fields are empty before attempting a search. Therefore, there should be no error thrown since the search shouldn't be run.		

Product	InfoCrawler GUI		
Inspectors	Brandon Vickrey, Ross Miskovich		
Defect #	Description	Severity	Correction
10	Attempting to search without a start and end keyword throws an error	3	N/A



1	Run the InfoCrawlerGUI
2	Don't fill in any fields except for URL, leave everything else as default.
3	Press Get Result
Result	A stack trace is shown in the terminal with a <code>StringIndexOutOfBoundsException</code> error
Expected	The program should check if the keyword fields are empty before attempting a search. Therefore, there should be no error thrown since the search shouldn't be run.

Product	InfoCrawler GUI		
Inspectors	Brandon Vickrey		
Defect #	Description	Severity	Correction
11	Attempting to search with an invalid URL throws an error	2	N/A
1	Select "Single Page" Mode		
2	Select Regular Expression		
3	Insert a URL such as <a href="http://en.wikipedia.org/wiki/Candy2">http://en.wikipedia.org/wiki/Candy2</a>		
4	Set Start Keyword as '<p>', End Keyword as '</p>'		
5	Press Get Result		

Result	A stack trace is shown in the terminal with a NullPointerException error
Expected	The program should check if the URL is valid before attempting a search. An error message should inform the user that the URL is invalid.

Product	InfoCrawler GUI		
Inspectors	Brandon Vickrey		
Defect #	Description	Severity	Correction
12	The fields that parse numbers (such as Increment range) throw errors when you use an imparsable string.	3	N/A
1	Select "Single Page" Mode		
2	Select Regular Expression		
3	Insert a URL such as <a href="http://en.wikipedia.org/wiki/Candy">http://en.wikipedia.org/wiki/Candy</a>		
4	Set Increment range (from) to 'banana' and Increment range (to) to 'gecko'		
5	Set Start Keyword as '<p>', End Keyword as '</p>'		
6	Press Get Result		

Result	A stack trace is shown in the terminal with a NumberFormatException error
Expected	The program should surround the parsing in a try/catch block and if it fails, an error message should inform the user that the number is invalid.

Product	InfoCrawler Terminal		
Inspectors	Brandon Vickrey		
Defect #	Description	Severity	Correction
13	An IOException is thrown at the end of a repeat request in the terminal	3	N/A
1	Select "-r" Mode		
2	Use a URL such as <a href="http://en.wikipedia.org/wiki/XXX">http://en.wikipedia.org/wiki/XXX</a>		
3	Set Increment range (from) to '1' and Increment range (to) to '10'		
4	Use an HTML element as a keyword and use 'p'		
5	Use -r (regular expression) method		
6	Save to a file		
7	Follow the rest of the instructions until it is completed.		

Result	Right as the program closes, an IOException stack trace will show in the terminal.
Expected	The program should close with no stack trace shown in the terminal.

Product	InfoCrawler Terminal		
Inspectors	Brandon Vickrey		
Defect #	Description	Severity	Correction
14	When saving to a file in repeat mode, only the first increment is saved.	1	N/A
1	Select "-r" Mode		
2	Use a URL such as <a href="http://en.wikipedia.org/wiki/XXX">http://en.wikipedia.org/wiki/XXX</a>		
3	Set Increment range (from) to '1' and Increment range (to) to '10'		
4	Use an HTML element as a keyword and use 'p'		
5	Use -r (regular expression) method		
6	Save to a file		
7	Follow the rest of the instructions until it is completed.		

Result	The file that you saved to only has the results from the first increment. (in this example <a href="http://en.wikipedia.org/wiki/1">http://en.wikipedia.org/wiki/1</a> )
Expected	The program should save the results of all of the increments, not just the first result to the file.

Product	InfoCrawler GUI		
Inspectors	Brandon Vickrey		
Defect #	Description	Severity	Correction
15	Periodic Select Mode doesn't appear to be working properly	2	N/A
1	Select "Periodic" Mode		
2	Select Regular Expression		
3	Insert a URL such as <a href="http://www.timeanddate.com/">http://www.timeanddate.com/</a>		
4	Set Time interval to 1		
5	Set Start Keyword as '<span id="ij0">', End Keyword as '</span>' (this shows the current time's seconds spot)		
6	Press Get Result		
Result	The correct number of seconds shows up, but it does NOT periodically update the results.		

Expected	The program should refresh the results box every 1 second to show the updated information.
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