BrowserMonkey

Testing

v 1.0

Software House One

Version History

Document name: QA Team/baselined/Testing.pdf

Document version: 1.0

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Table of Contents

1 Introduction

We received feedback when giving in our (300 page) acceptance criteria document that our tests were more extensive than they needed to be. For this reason, combined with time and printing constraints, we have not documented every test with a screenshot. Instead, for each testing section we have a table showing the individual tests, and only for whole testing sections do we show a selection of screenshots. Most sections need only one screenshot example as the tests are very similar within each section.

The programmers have annotated any fails with explanations.

The numbering of the document matches the numbering of the acceptance criteria, which is why we go to heading 3 after this introduction.

3   Requirement 3 – Conformance

3.2 Invalid tag format

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc3-2-0001	Ioanna Kyprianou	05/06/2009	Pass	
acc3-2-0002	Ioanna Kyprianou	05/06/2009	Pass	
acc3-2-0003	Ioanna Kyprianou	05/06/2009	Pass	

3.3 Empty tags

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc3-2-0001	Ioanna Kyprianou	05/06/2009	Pass	

3.4 Unrecognised tags

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc3-4-0001	Ioanna Kyprianou	05/06/2009	Fail	

Programming Notes:
We decided not to throw an error when a tag was found that was not recognised; we just render the contents of its tag.

3.5 Recognised non-implemented tags

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc3-5-0001	Ioanna Kyprianou	05/06/2009	Fail	

Programming Notes:
We did not have time to implement a way to store and retrieve every tag type in the full HTML specification that we have not implemented a renderer for.

3.6 General structure tags

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc3-6-0001	Ioanna Kyprianou	05/06/2009	Pass	
acc3-6-0002	Ioanna Kyprianou	05/06/2009	Pass	
acc3-6-0003	Ioanna Kyprianou	05/06/2009	Pass	
acc3-6-0004	Ioanna Kyprianou	05/06/2009	Pass	
acc3-6-0005	Ioanna Kyprianou	05/06/2009	Pass	

acc3-6-0006	Ioanna Kyprianou	05/06/2009	Pass	
acc3-6-0007	Ioanna Kyprianou	05/06/2009	Pass	
acc3-6-0008	Ioanna Kyprianou	05/06/2009	Pass	
acc3-6-0009	Ioanna Kyprianou	05/06/2009	Pass	
acc3-6-00010	Ioanna Kyprianou	05/06/2009	Pass	
acc3-6-00011	Ioanna Kyprianou	05/06/2009	Pass	

3.7 Recognised supported tags

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc3-7-0001	Ioanna Kyprianou	05/06/2009	Pass	
acc3-7-0002	Ioanna Kyprianou	05/06/2009	Pass	
acc3-7-0003	Ioanna Kyprianou	05/06/2009	Fail	
acc3-7-0004	Ioanna Kyprianou	05/06/2009	Pass	
acc3-7-0005	Ioanna Kyprianou	05/06/2009	Fail	
acc3-7-0006	Ioanna Kyprianou	05/06/2009	Fail	
acc3-7-0007	Ioanna Kyprianou	05/06/2009	Fail	
acc3-7-0008	Ioanna Kyprianou	05/06/2009	Pass	
acc3-7-0009	Ioanna Kyprianou	05/06/2009	Pass	

Programming Notes:
The acceptance criteria was too ambitious here, the sort of correction required to pass some of these tests was too advanced for this project.

Screen shot
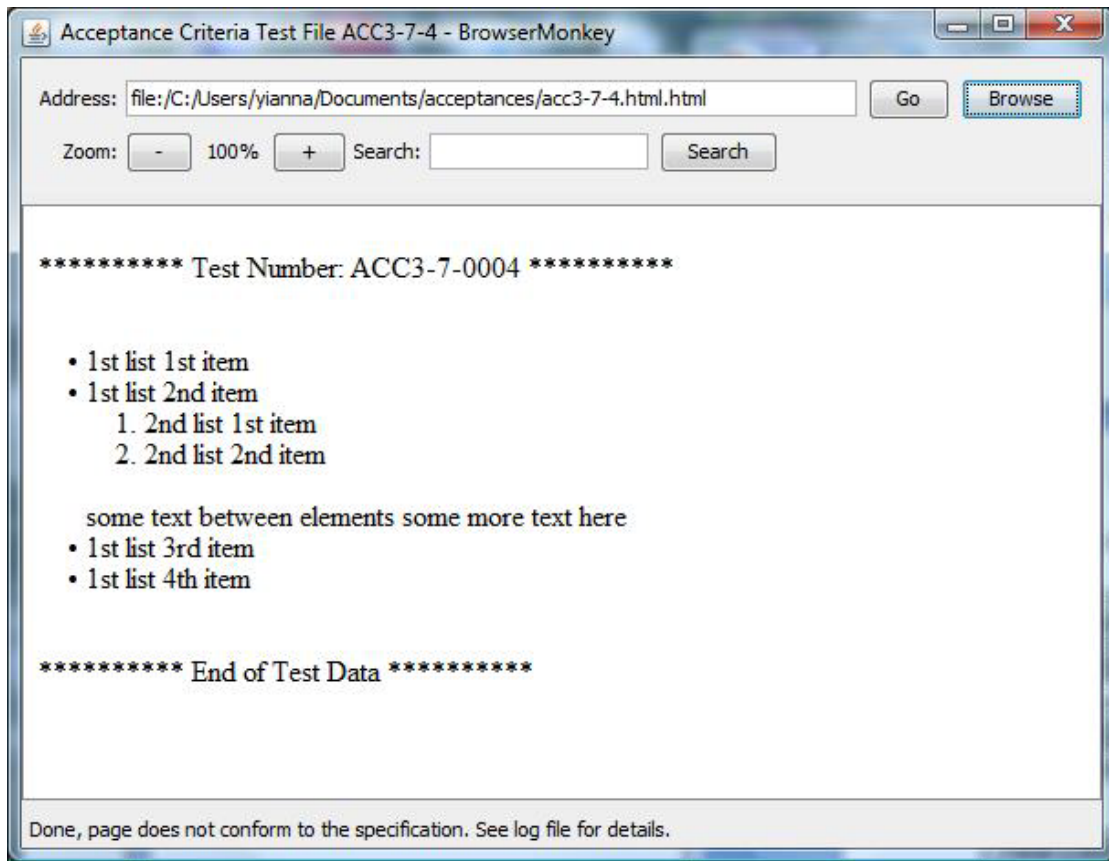
Log File

05-Jun-2009 19:27:55 browsermonkey.utility.BrowserMonkeyLogger status
INFO: Loading file:/C:/Users/yianna/Documents/acceptances/acc3-7-4.html.html
05-Jun-2009 19:27:55 browsermonkey.utility.BrowserMonkeyLogger conformance
WARNING: List Error: shorthand list notation - closing <li>.
05-Jun-2009 19:27:55 browsermonkey.utility.BrowserMonkeyLogger conformance
WARNING: List Error: shorthand list notation - closing <li>.
05-Jun-2009 19:27:55 browsermonkey.utility.BrowserMonkeyLogger status
INFO: Done, page does not conform to the specification. See log file for details.

3.8 Font tag attributes

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc3-8-0001	Irene Schiza	05/06/2009	Pass	
acc3-8-0002	Irene Schiza	05/06/2009	Pass	
acc3-8-0003	Irene Schiza	05/06/2009	Pass	
acc3-8-0004	Irene Schiza	05/06/2009	Fail	
acc3-8-0005	Irene Schiza	05/06/2009	Pass	
acc3-8-0006	Irene Schiza	05/06/2009	Pass	
acc3-8-0007	Irene Schiza	05/06/2009	Pass	
acc3-8-0008	Irene Schiza	05/06/2009	Fail	
acc3-8-0009	Irene Schiza	05/06/2009	Fail	
acc3-8-0010	Irene Schiza	05/06/2009	Pass	
acc3-8-0011	Irene Schiza	05/06/2009	Fail	
acc3-8-0012	Irene Schiza	05/06/2009	Pass	

Programming Notes:
The acceptance criteria was incorrect here, expecting the renderer to correct spaces inside tag types and similar problems, but even full browsers do not support such correction.

3.9 Nesting and Order

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc3-9-0001	Irene Schiza	05/06/2009	Pass	
acc3-9-0002	Irene Schiza	05/06/2009	Fail	
acc3-9-0003	Irene Schiza	05/06/2009	Pass	
acc3-9-0004	Irene Schiza	05/06/2009	Fail	
acc3-9-0005	Irene Schiza	05/06/2009	Fail	
acc3-9-0006	Irene Schiza	05/06/2009	Fail	

Programming Notes:
The acceptance criteria was too ambitious again here, the sort of correction required to pass some of these tests was too advanced for this project.

3.10 Content Model

Test failed.

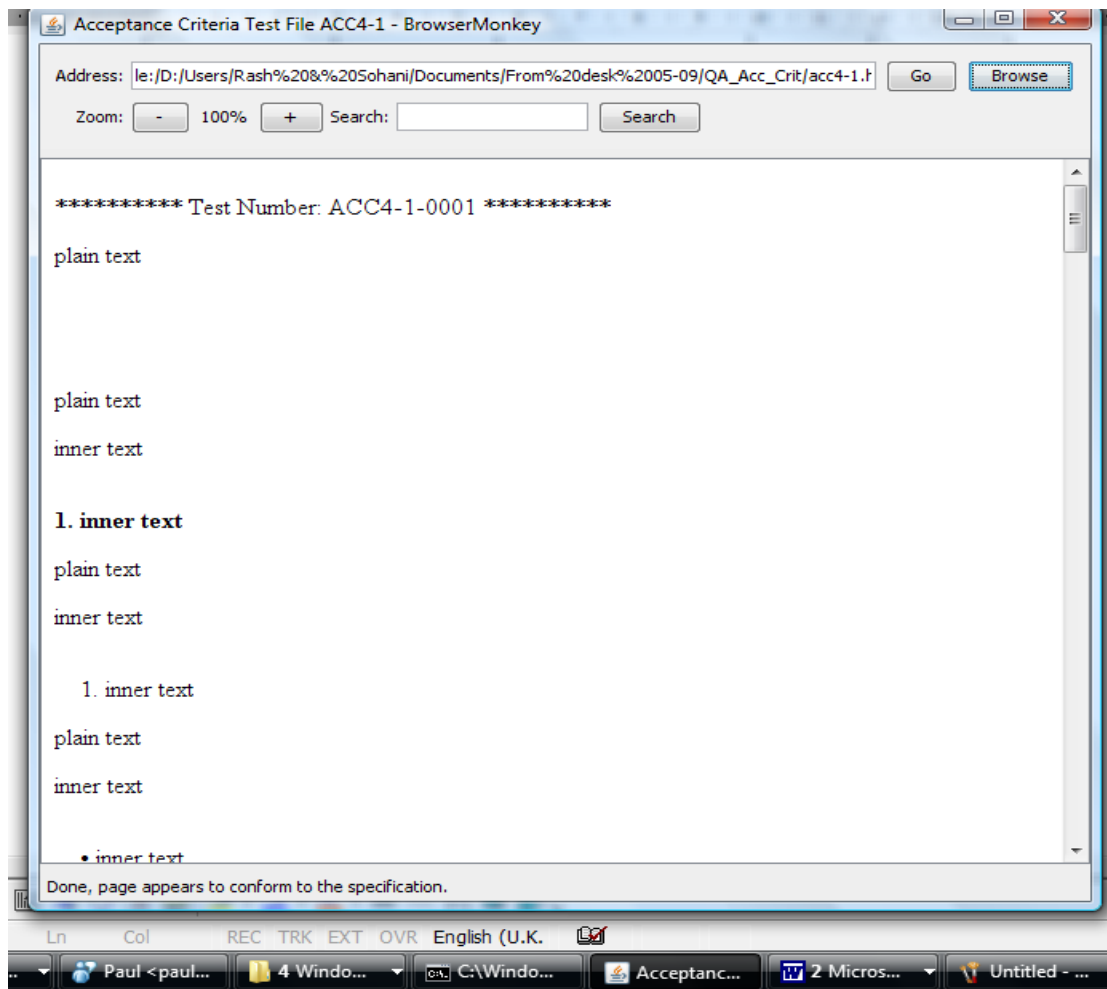| Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc3-10-0001	Irene Schiza	05/06/2009	Fail	

Programming Notes:
We did not have time to implement this aspect of conformance testing, it would have required a fairly full specification of HTML including distinguishing between block and inline elements.

4   Requirement 4 – Tags

4.1 Blank lines

test id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-1-0001	Sohani Amiruzzaman	05/06/2009	Pass	

Screenshot

4.2   Heading

Test id	Tested by	Most recent test	Pass/fail	Details
acc4-2-0001	Sohani Amiruzzaman	05/06/2009	pass	
acc4-2-0002	Sohani Amiruzzaman	05/06/2009	pass	
acc4-2-0003	Sohani Amiruzzaman	05/06/2009	pass	
acc4-2-0004	Sohani Amiruzzaman	05/06/2009	pass	
acc4-2-0005	Sohani Amiruzzaman	05/06/2009	pass	
acc4-2-0006	Sohani Amiruzzaman	05/06/2009	pass	
acc4-2-0007	Sohani Amiruzzaman	05/06/2009	pass	
acc4-2-0008	Sohani Amiruzzaman	05/06/2009	pass	
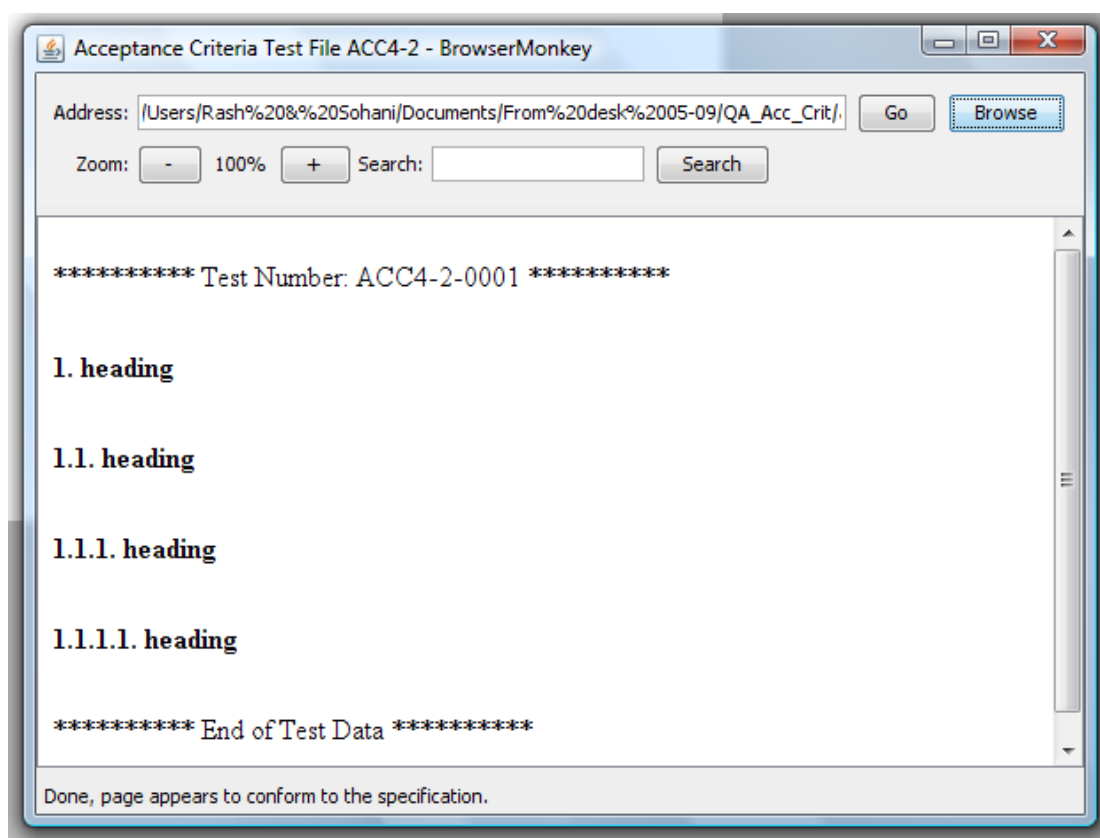
Screenshot

4.3   Paragraph

Test id	Tested by	Most recent test	Pass/fail	Details
acc4-3-0001	Sohani Amiruzzaman	05/06/2009	pass	
acc4-3-0002	Sohani Amiruzzaman	05/06/2009	pass	
acc4-3-0003	Sohani Amiruzzaman	05/06/2009	pass	

Screenshot
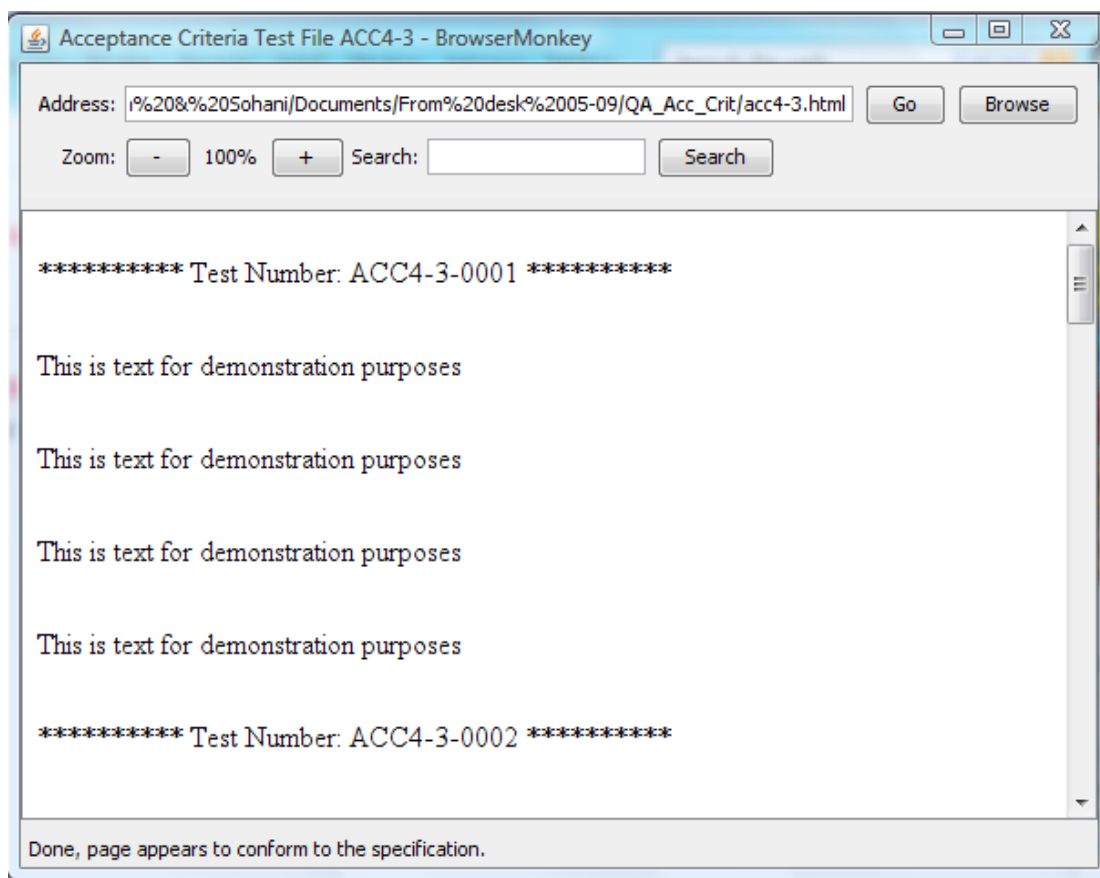
4.4 Unordered List

.

Test id	Tested by	Most recent test	Pass/fail	Details
acc4-4-0002	Sohani Amiruzzaman	05/06/2009	pass	
acc4-4-0003	Sohani Amiruzzaman	05/06/2009	pass	
acc4-4-0004	Sohani Amiruzzaman	05/06/2009	pass	
acc4-4-0005	Sohani Amiruzzaman	05/06/2009	pass	
acc4-4-0006	Sohani Amiruzzaman	05/06/2009	pass	
acc4-4-0007	Sohani Amiruzzaman	05/06/2009	pass	
acc4-4-0008	Sohani Amiruzzaman	05/06/2009	pass	
acc4-4-0009	Sohani Amiruzzaman	05/06/2009	pass	
acc4-4-0010	Sohani Amiruzzaman	05/06/2009	pass	

Screenshot
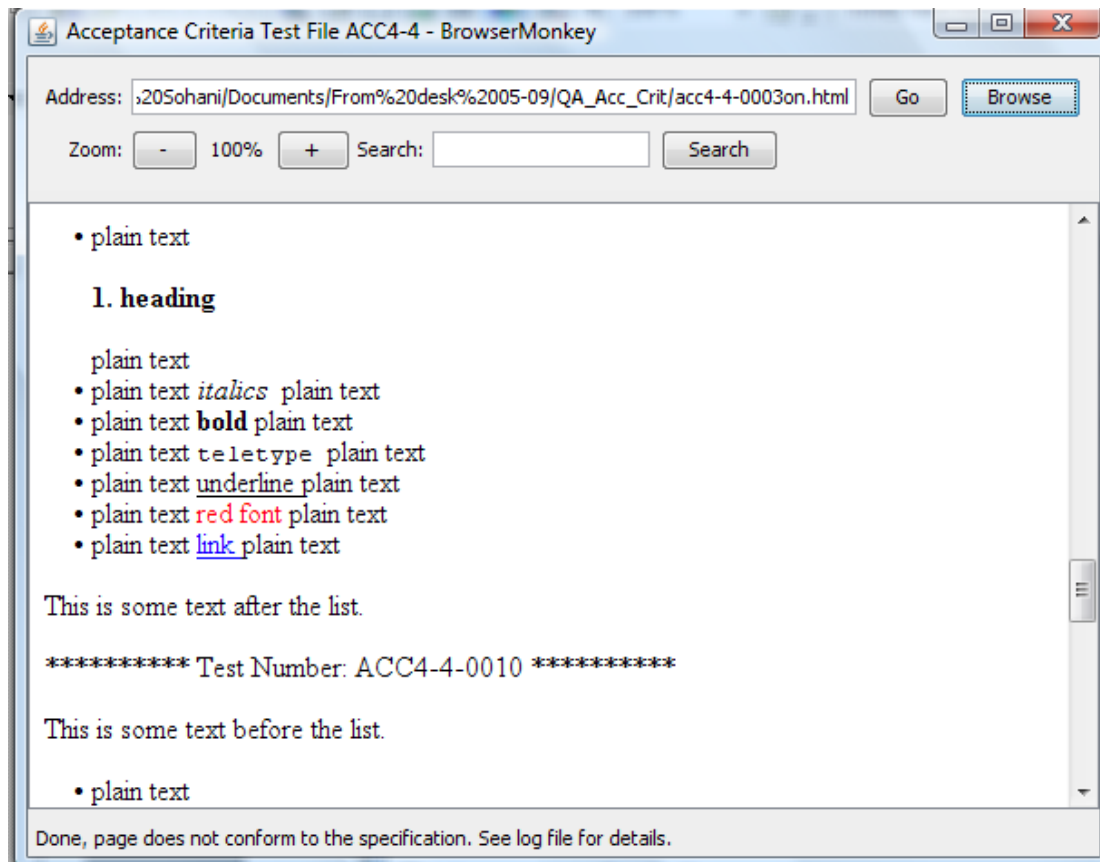
4.5   Ordered List

Test id	Tested by	Most recent test	Pass/fail	Details
acc4-5-0001	Sohani Amiruzzaman	05/06/2009	pass	
acc4-5-0002	Sohani Amiruzzaman	05/06/2009	pass	
acc4-5-0003	Sohani Amiruzzaman	05/06/2009	pass	
acc4-5-0004	Sohani Amiruzzaman	05/06/2009	pass	
acc4-5-0005	Sohani Amiruzzaman	05/06/2009	pass	
acc4-5-0006	Sohani Amiruzzaman	05/06/2009	pass	
acc4-5-0007	Sohani Amiruzzaman	05/06/2009	pass	
acc4-5-0008	Sohani Amiruzzaman	05/06/2009	pass	
acc4-5-0009	Sohani Amiruzzaman	05/06/2009	pass	
acc4-5-0010	Sohani Amiruzzaman	05/06/2009	pass	

Screenshot
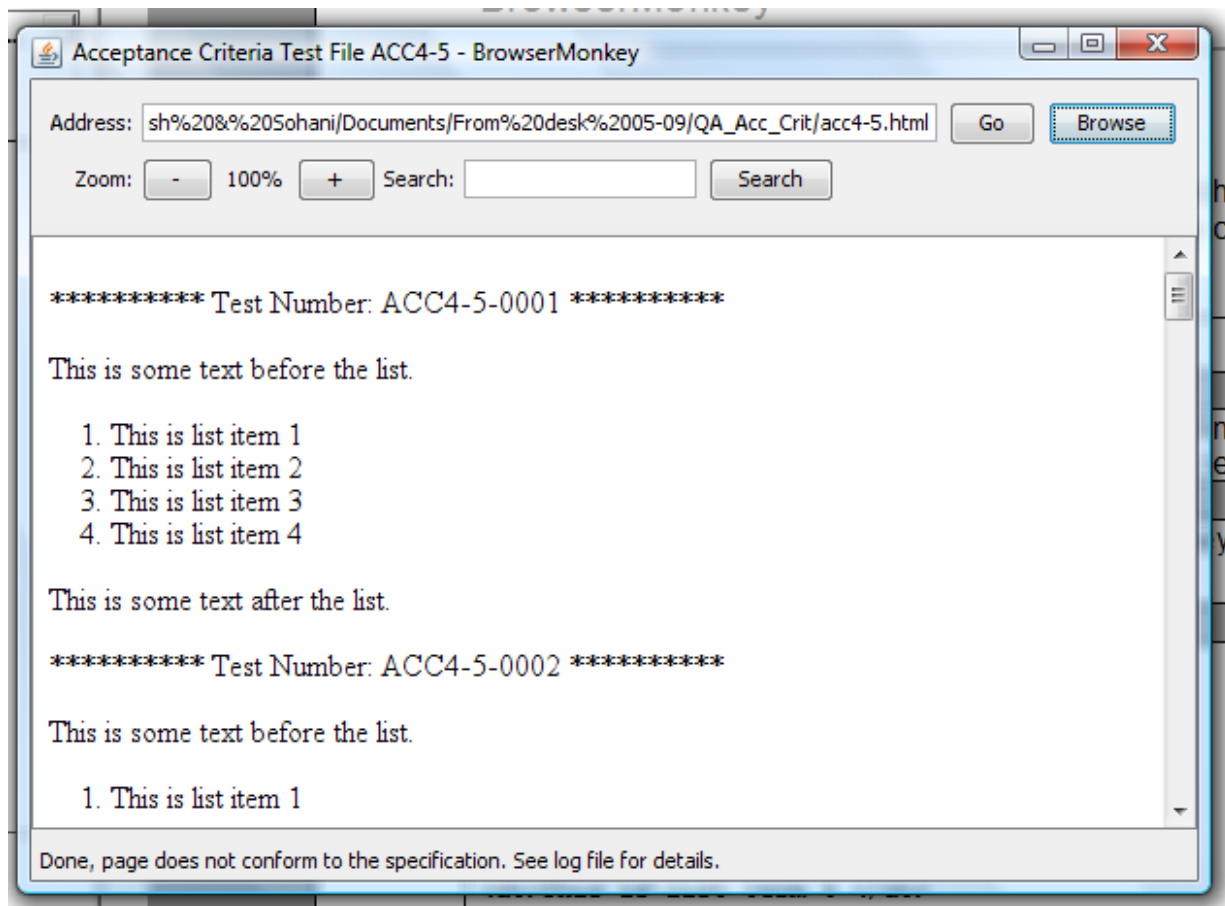
4.6   Definition List

.

Test id	Tested by	Most recent test	Pass/fail	Details
acc4-6-0001	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0002	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0003	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0004	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0005	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0006	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0007	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0008	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0009	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0010	Sohani Amiruzzaman	05/06/2009	pass	
acc4-6-0011	Sohani Amiruzzaman	05/06/2009	pass	

Screenshot
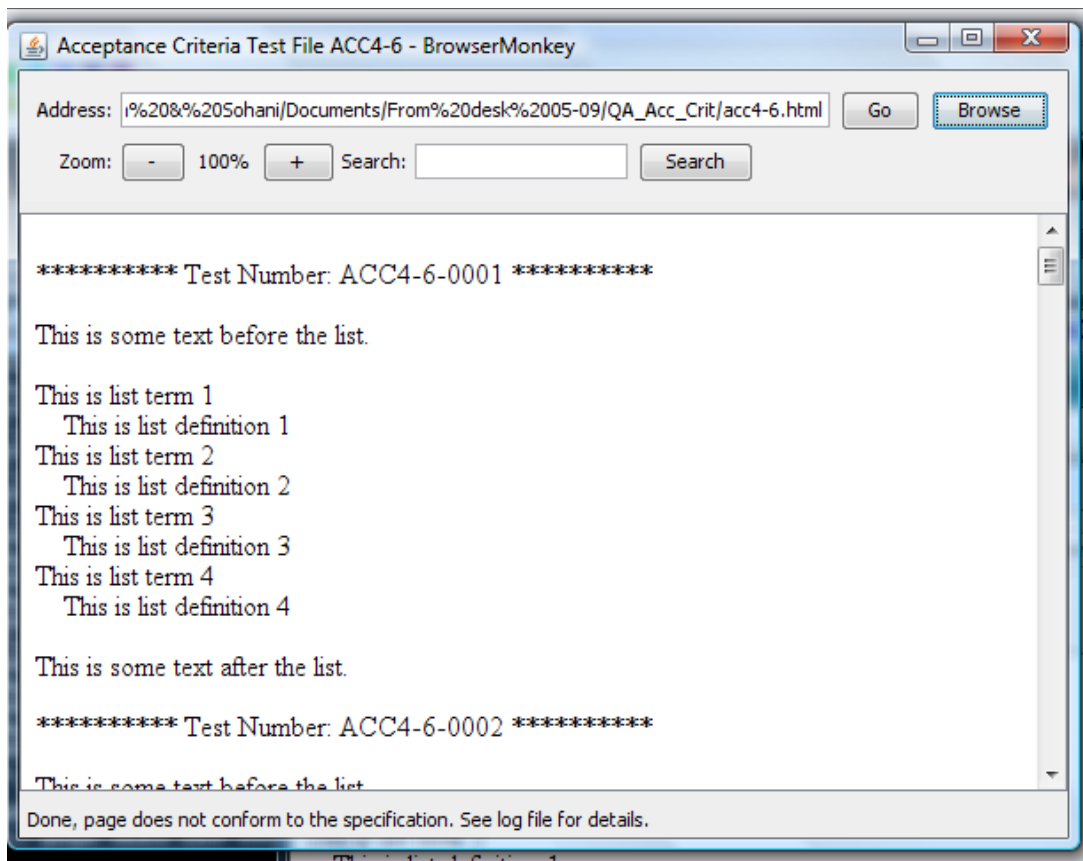
4.7   Blockquote

Test id	Tested by	Most recent test	Pass/fail	Details
acc4-7-0001	Sohani Amiruzzaman	05/06/2009	pass	
acc4-7-0002	Sohani Amiruzzaman	05/06/2009	pass	
acc4-7-0003	Sohani Amiruzzaman	05/06/2009	pass	
acc4-7-0004	Sohani Amiruzzaman	05/06/2009	pass	
acc4-7-0005	Sohani Amiruzzaman	05/06/2009	pass	
acc4-7-0006	Sohani Amiruzzaman	05/06/2009	pass	
acc4-7-0007	Sohani Amiruzzaman	05/06/2009	pass	
acc4-7-0008	Sohani Amiruzzaman	05/06/2009	pass	

Screenshot
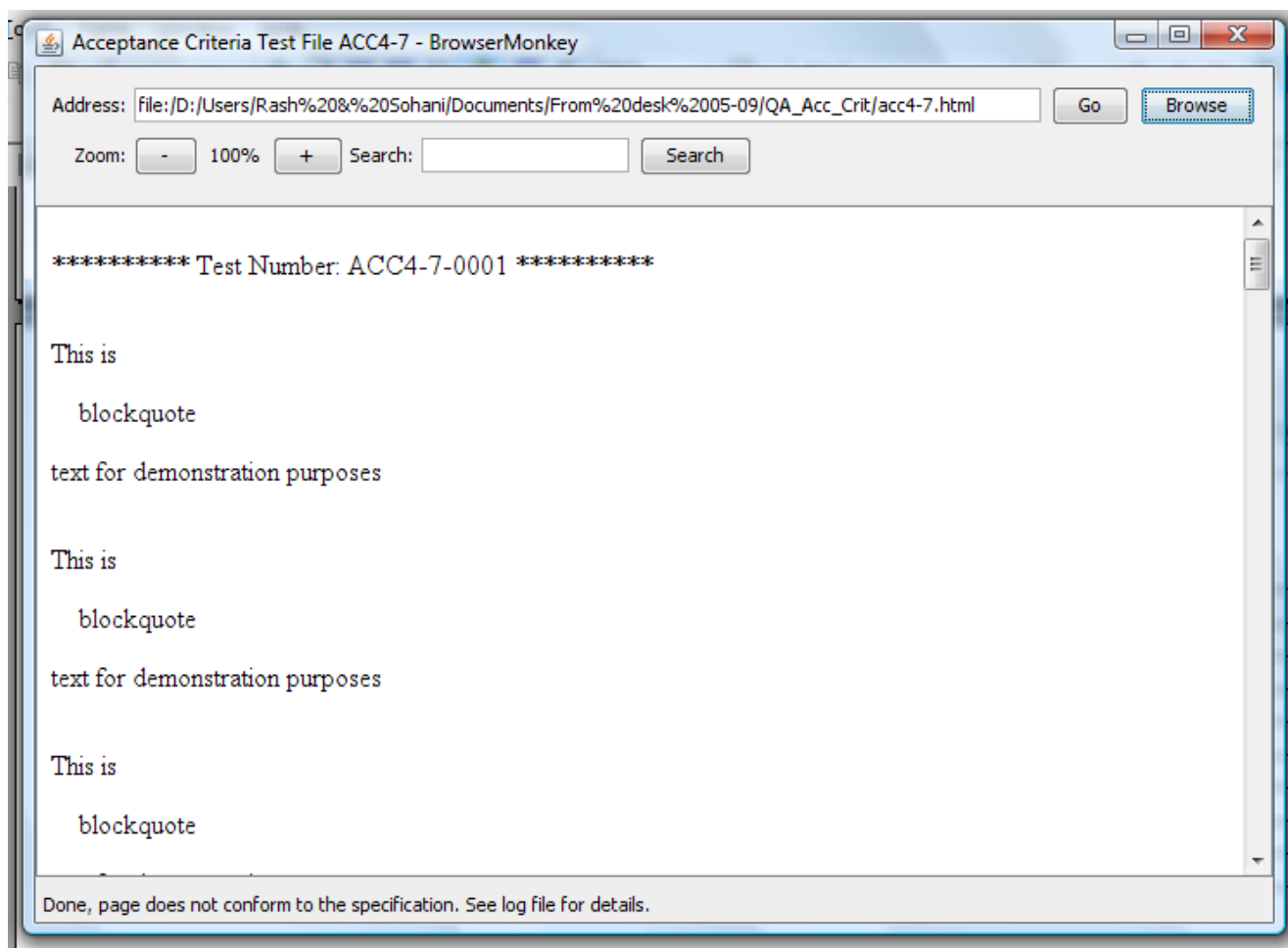
4.8 Centred Text

.

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-8-0001	Elpida Kyriakou	05/06/2009	Pass	
acc4-8-0002	Elpida Kyriakou	05/06/2009	Pass	
acc4-8-0003	Elpida Kyriakou	05/06/2009	Pass	
acc4-8-0004	Elpida Kyriakou	05/06/2009	Pass	
acc4-8-0005	Elpida Kyriakou	05/06/2009	Pass	
acc4-8-0006	Elpida Kyriakou	05/06/2009	Pass	
acc4-8-0007	Elpida Kyriakou	05/06/2009	Pass	
acc4-8-0008	Elpida Kyriakou	05/06/2009	Pass	

Screenshot
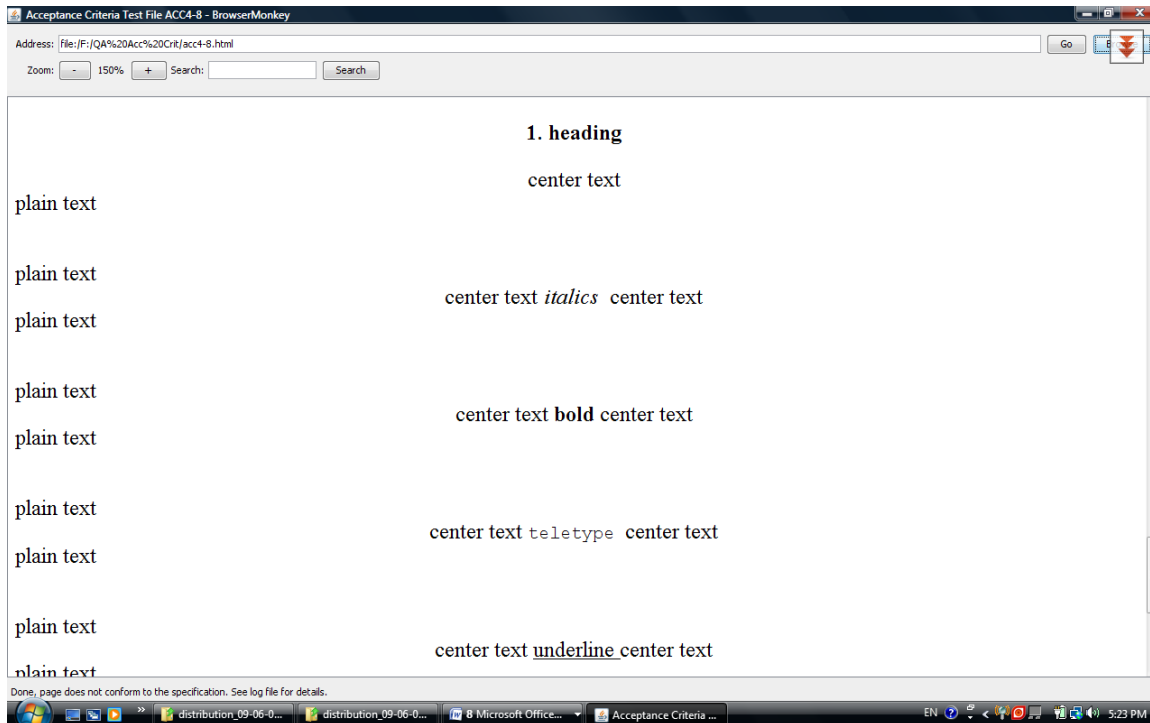
4.9 Pre-formatted Text

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-9-0001	Elpida Kyriakou	05/06/2009	Pass	
acc4-9-0002	Elpida Kyriakou	05/06/2009	Pass	
acc4-9-0003	Elpida Kyriakou	05/06/2009	Pass	
acc4-9-0004	Elpida Kyriakou	05/06/2009	Pass	
acc4-9-0005	Elpida Kyriakou	05/06/2009	Pass	
acc4-9-0006	Elpida Kyriakou	05/06/2009	Pass	
acc4-9-0007	Elpida Kyriakou	05/06/2009	Pass	
acc4-9-0008	Elpida Kyriakou	05/06/2009	Pass	

Screenshot
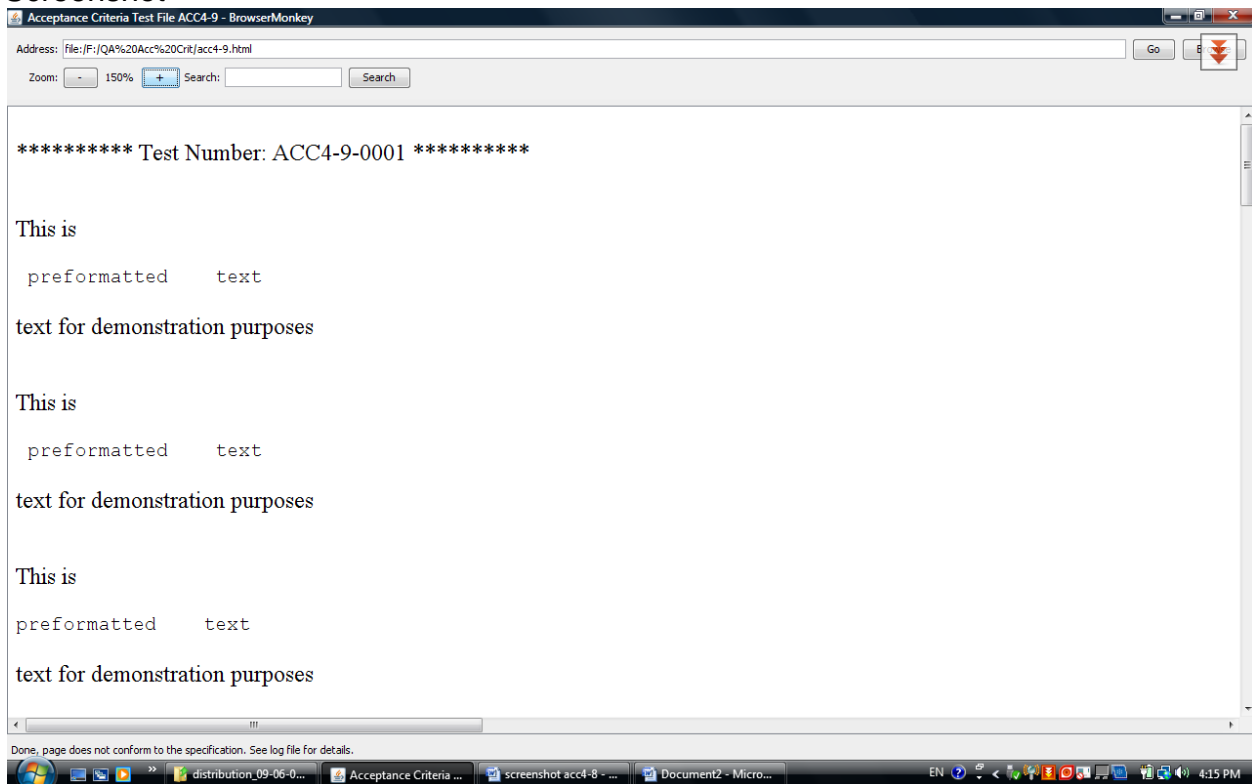
4.10 Horizontal Rule

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-10-0001	Elpida Kyriakou	05/06/2009	Pass	
acc4-10-0002	Elpida Kyriakou	05/06/2009	Pass	
acc4-10-0003	Elpida Kyriakou	05/06/2009	Pass	
acc4-10-0004	Elpida Kyriakou	05/06/2009	Pass	

Screenshot
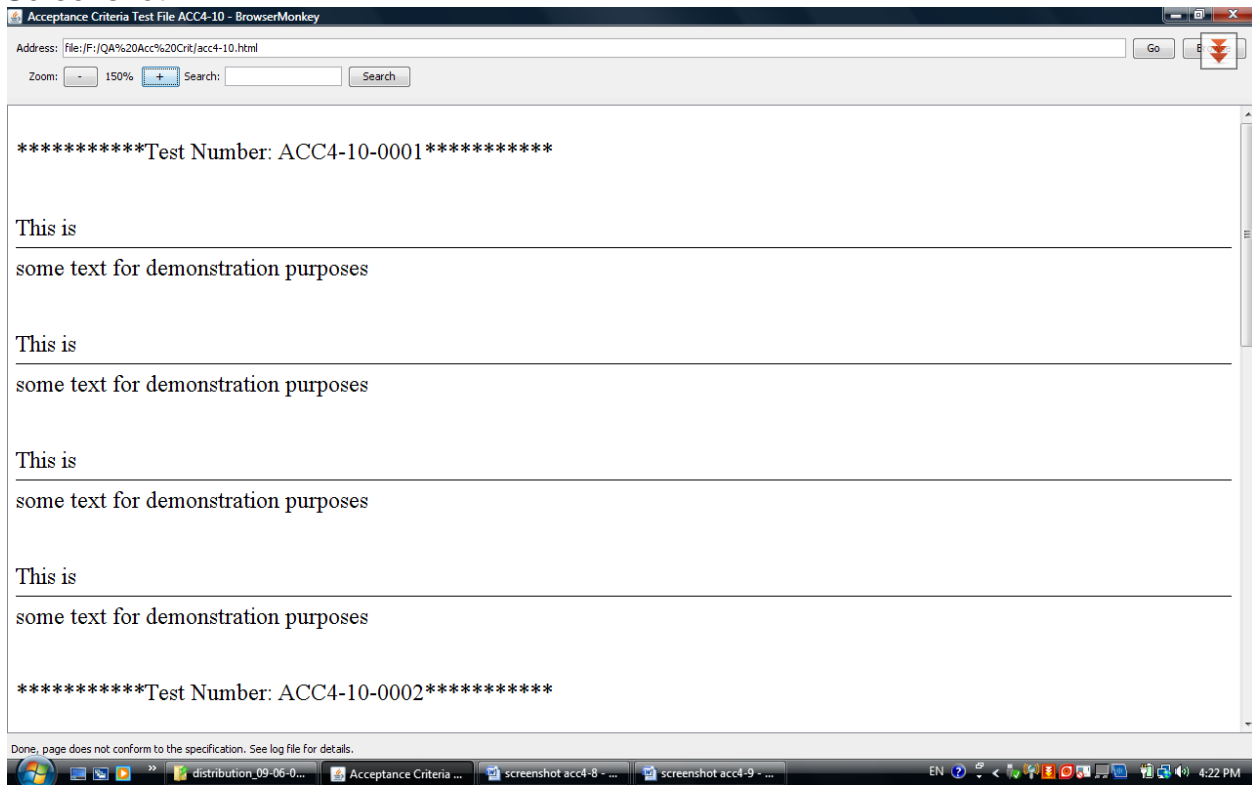
4.11 Italics

Tested passed

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-11-0001	Elpida Kyriakou	05/06/2009	Pass	
acc4-11-0002	Elpida Kyriakou	05/06/2009	Pass	
acc4-11-0003	Elpida Kyriakou	05/06/2009	Pass	
acc4-11-0004	Elpida Kyriakou	05/06/2009	Pass	
acc4-11-0005	Elpida Kyriakou	05/06/2009	Pass	
acc4-11-0006	Elpida Kyriakou	05/06/2009	Pass	
acc4-11-0007	Elpida Kyriakou	05/06/2009	Pass	
acc4-11-0008	Elpida Kyriakou	05/06/2009	Pass	

Screenshot

4.12 Bold
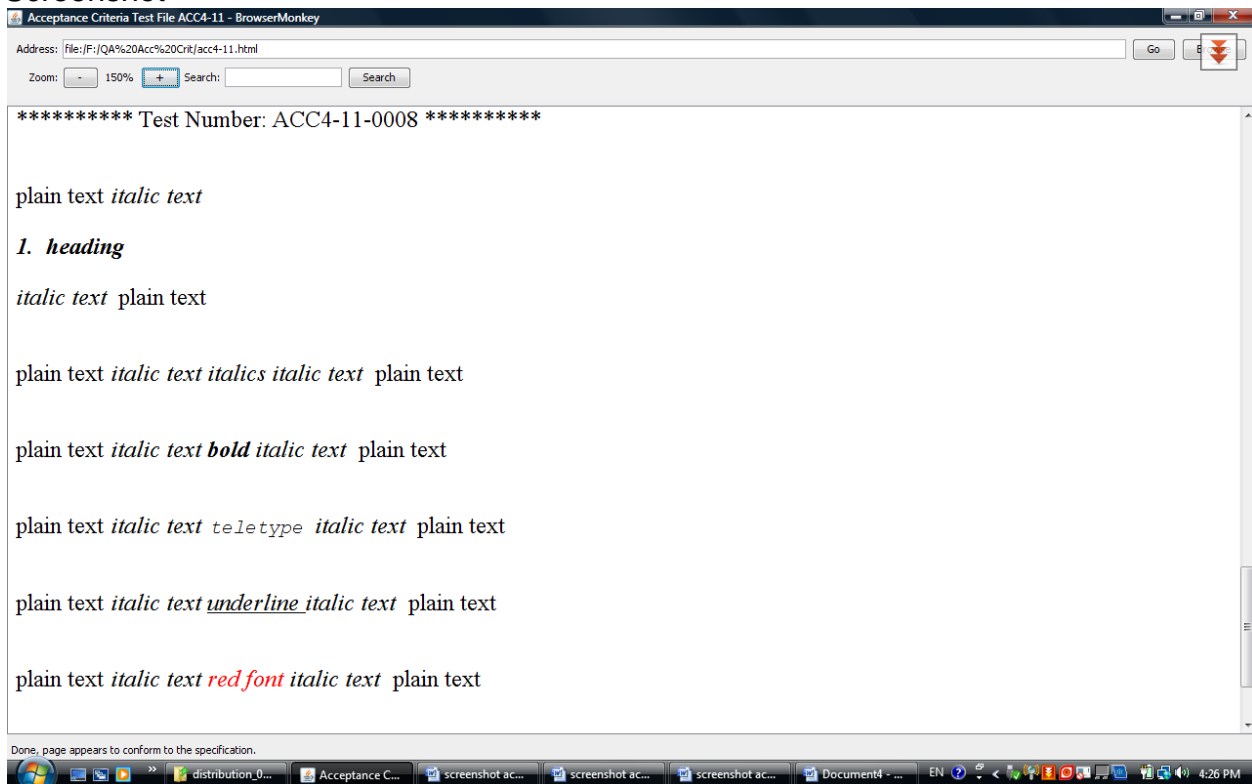
Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-12-0001	Elpida Kyriakou	05/06/2009	Pass	
acc4-12-0002	Elpida Kyriakou	05/06/2009	Pass	
acc4-12-0003	Elpida Kyriakou	05/06/2009	Pass	
acc4-12-0004	Elpida Kyriakou	05/06/2009	Pass	
acc4-12-0005	Elpida Kyriakou	05/06/2009	Pass	
acc4-12-0006	Elpida Kyriakou	05/06/2009	Pass	
acc4-12-0007	Elpida Kyriakou	05/06/2009	Pass	
acc4-12-0008	Elpida Kyriakou	05/06/2009	Pass	

Screenshot

4.13 Teletype

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-13-0001	Elpida Kyriakou	05/06/2009	Pass	
acc4-13-0002	Elpida Kyriakou	05/06/2009	Pass	
acc4-13-0003	Elpida Kyriakou	05/06/2009	Pass	
acc4-13-0004	Elpida Kyriakou	05/06/2009	Pass	
acc4-13-0005	Elpida Kyriakou	05/06/2009	Pass	
acc4-13-0006	Elpida Kyriakou	05/06/2009	Pass	
acc4-13-0007	Elpida Kyriakou	05/06/2009	Pass	
acc4-13-0008	Elpida Kyriakou	05/06/2009	Pass	

Screenshot
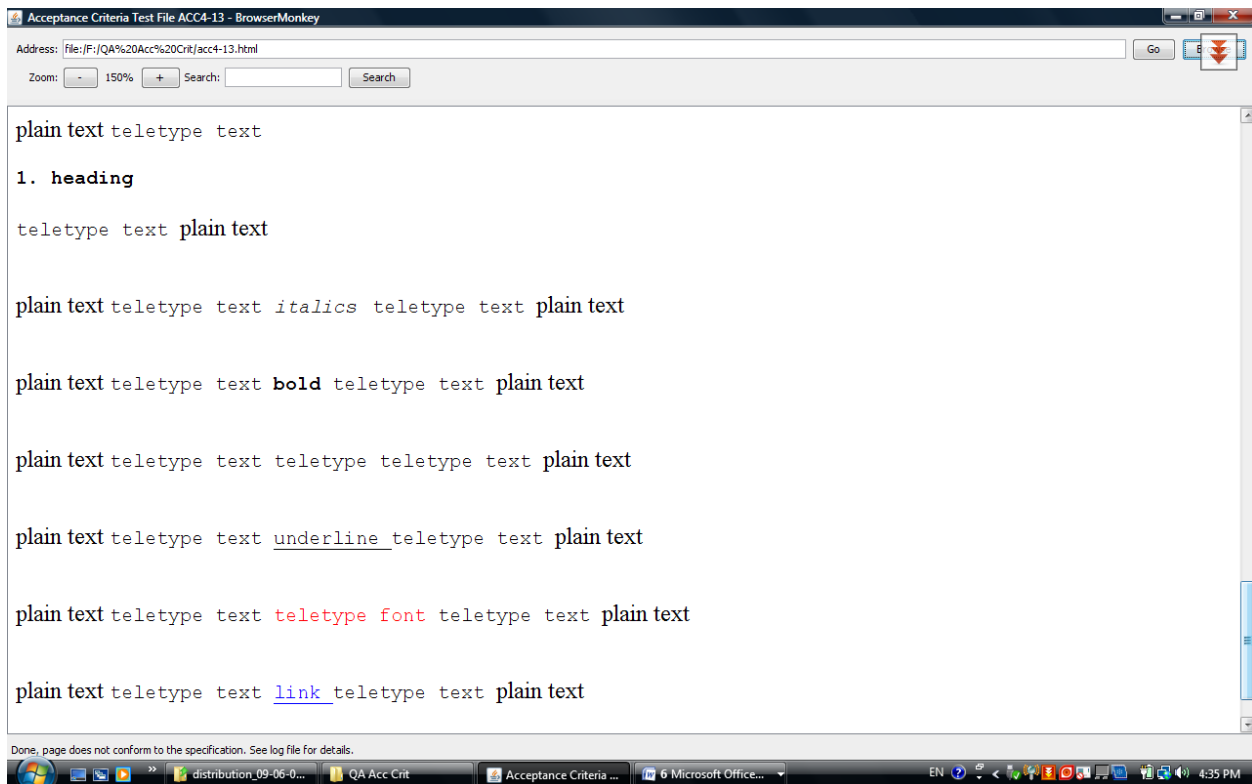
4.14 Underline

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-14-0001	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0002	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0003	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0004	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0005	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0006	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0007	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0008	Elpida Kyriakou	05/06/2009	Pass	

Screenshot

4.15 Font

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-15-0001	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0002	Elpida Kyriakou	05/06/2009	Fail	The word "red" it should be red in all sentences.
acc4-15-0003	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0004	Elpida Kyriakou	05/06/2009	Fail	Only the word red should be red in the third sentence.
acc4-15-0005	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0006	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0007	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0008	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0009	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0010	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0011	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0012	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0013	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0014	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0015	Elpida Kyriakou	05/06/2009	Pass	
acc4-15-0016	Elpida Kyriakou	05/06/2009	Pass	

Programming Notes:
The acceptance criteria was non-standard here, allowing colours to be specified as color=FF0000 for example (omitting the #), we decided not to support this type of attribute.

Screenshot
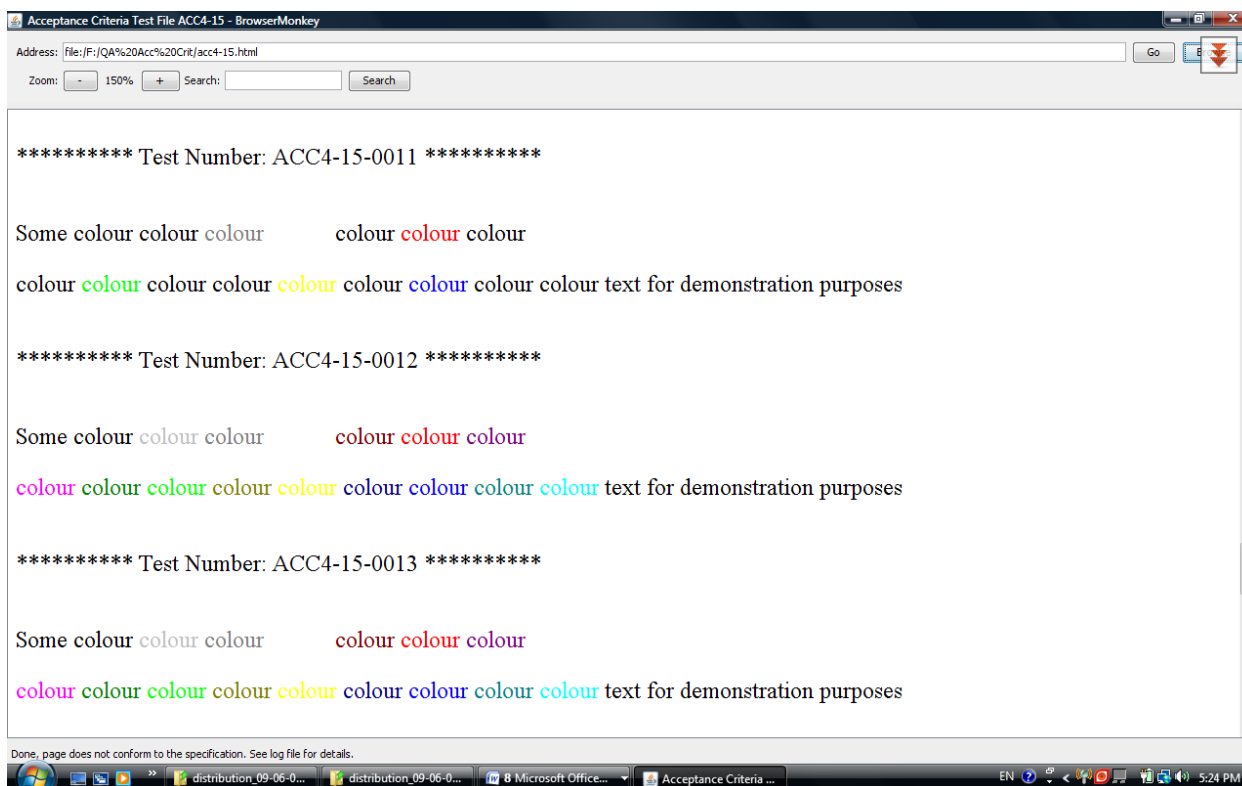
5   Requirements 5 – Tables

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc5-0001	Sohani Amiruzzaman	5/06/2009	Pass	
acc5-0002	Sohani Amiruzzaman	5/06/2009	Pass	
acc5-0003	Sohani Amiruzzaman	5/06/2009	Pass	
acc5-0004	Sohani Amiruzzaman	5/06/2009	Fail	
acc5-0005	Sohani Amiruzzaman	5/06/2009	Pass	
acc5-0006	Sohani Amiruzzaman	5/06/2009	Fail	
acc5-0007	Sohani Amiruzzaman	5/06/2009	Pass	
acc5-0008	Sohani Amiruzzaman	5/06/2009	Pass	
acc5-0009	Sohani Amiruzzaman	5/06/2009	Pass	
acc5-0010	Sohani Amiruzzaman	5/06/2009	Pass	

Programming Notes:
The two fails above are a result of incorrect mark-up in the test itself, the table functionality does work fully.
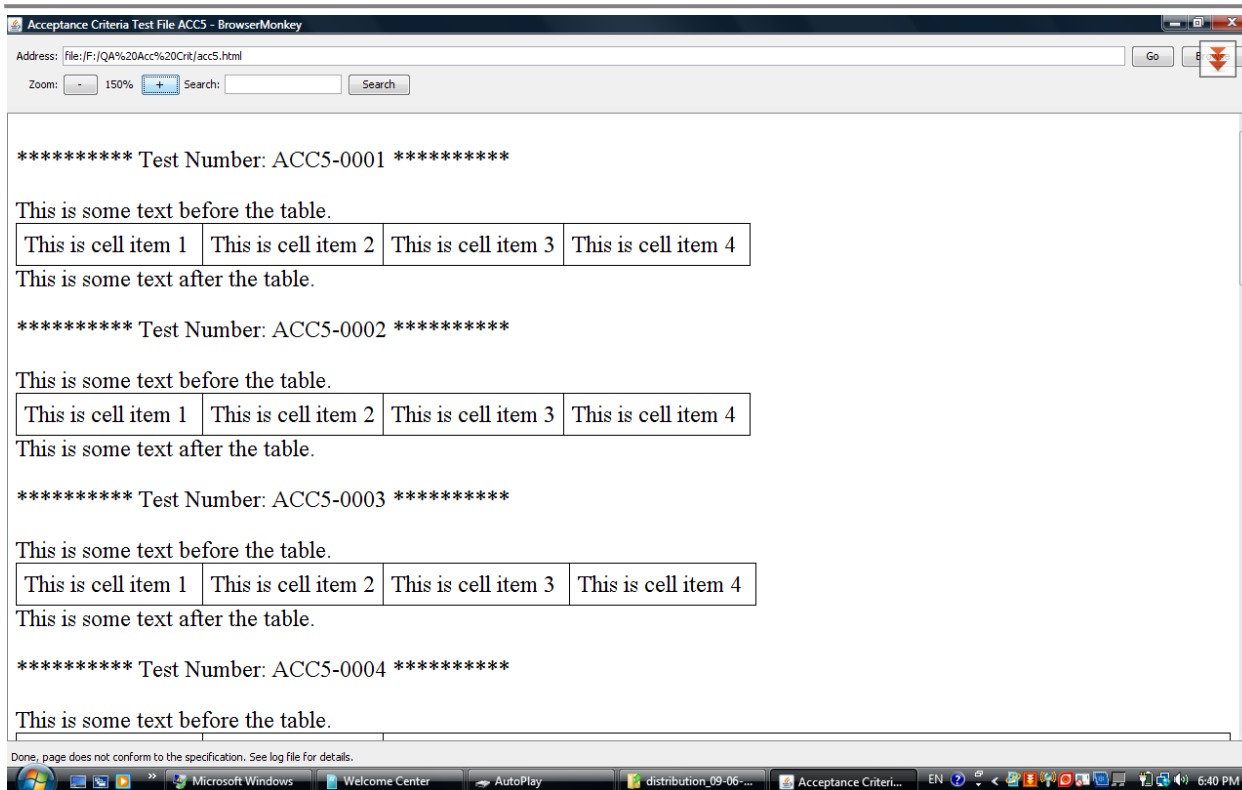
6 Requirement 6 – Links

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc6-0001	Irene Schiza	05/06/2009	Pass	
acc6-0002	Irene Schiza	05/06/2009	Fail	
acc6-0003	Irene Schiza	05/06/2009	Pass	
acc6-0004	Irene Schiza	05/06/2009	Pass	
acc6-0005	Irene Schiza	05/06/2009	Pass	
acc6-0006	Irene Schiza	05/06/2009	Pass	
acc6-0007	Irene Schiza	05/06/2009	Pass	
acc6-0008	Irene Schiza	05/06/2009	Pass	

Programming Notes:
The fail above is again a result of incorrect mark-up in the test itself, causing the link to span across a space before and after it. The link functionality does work fully.
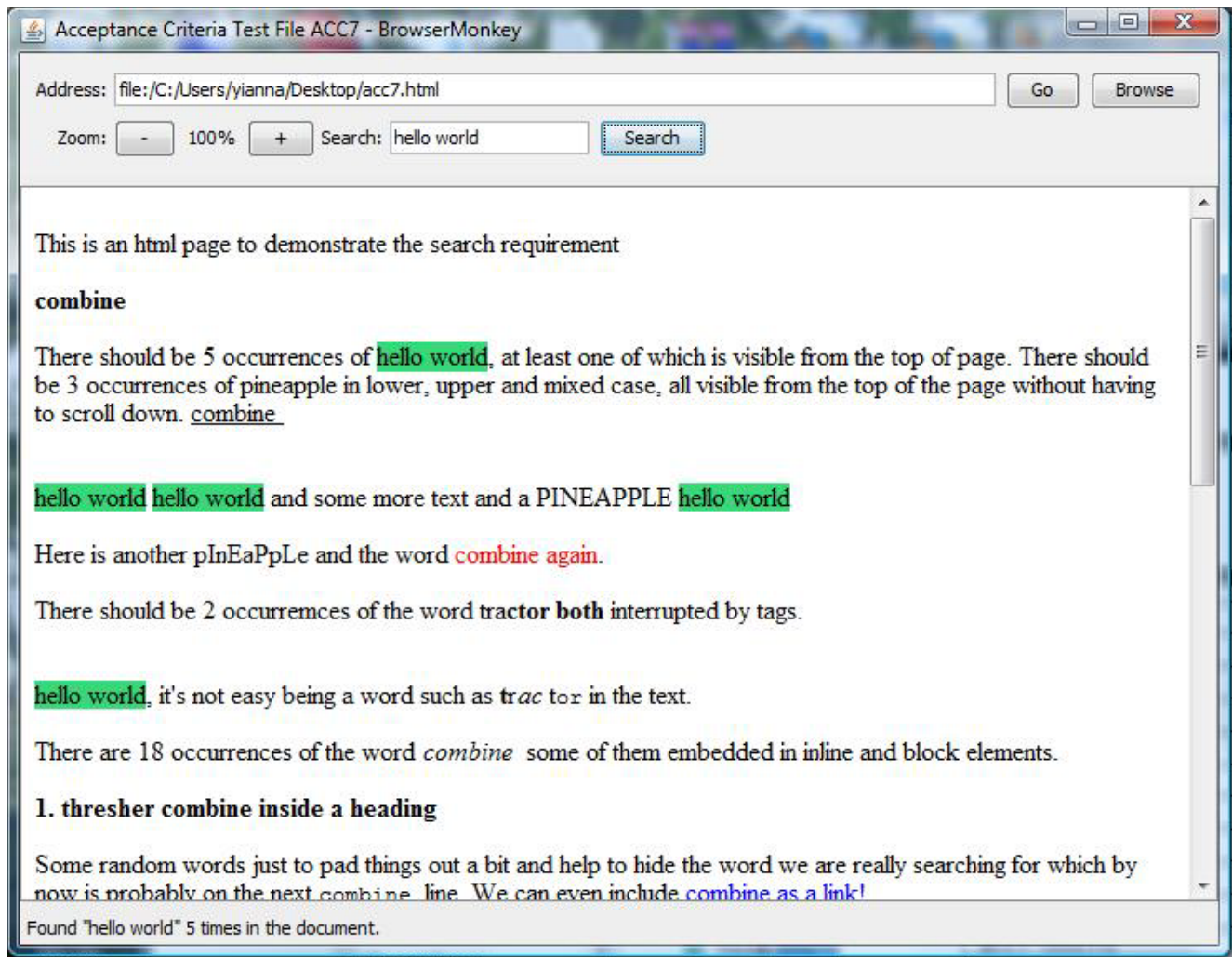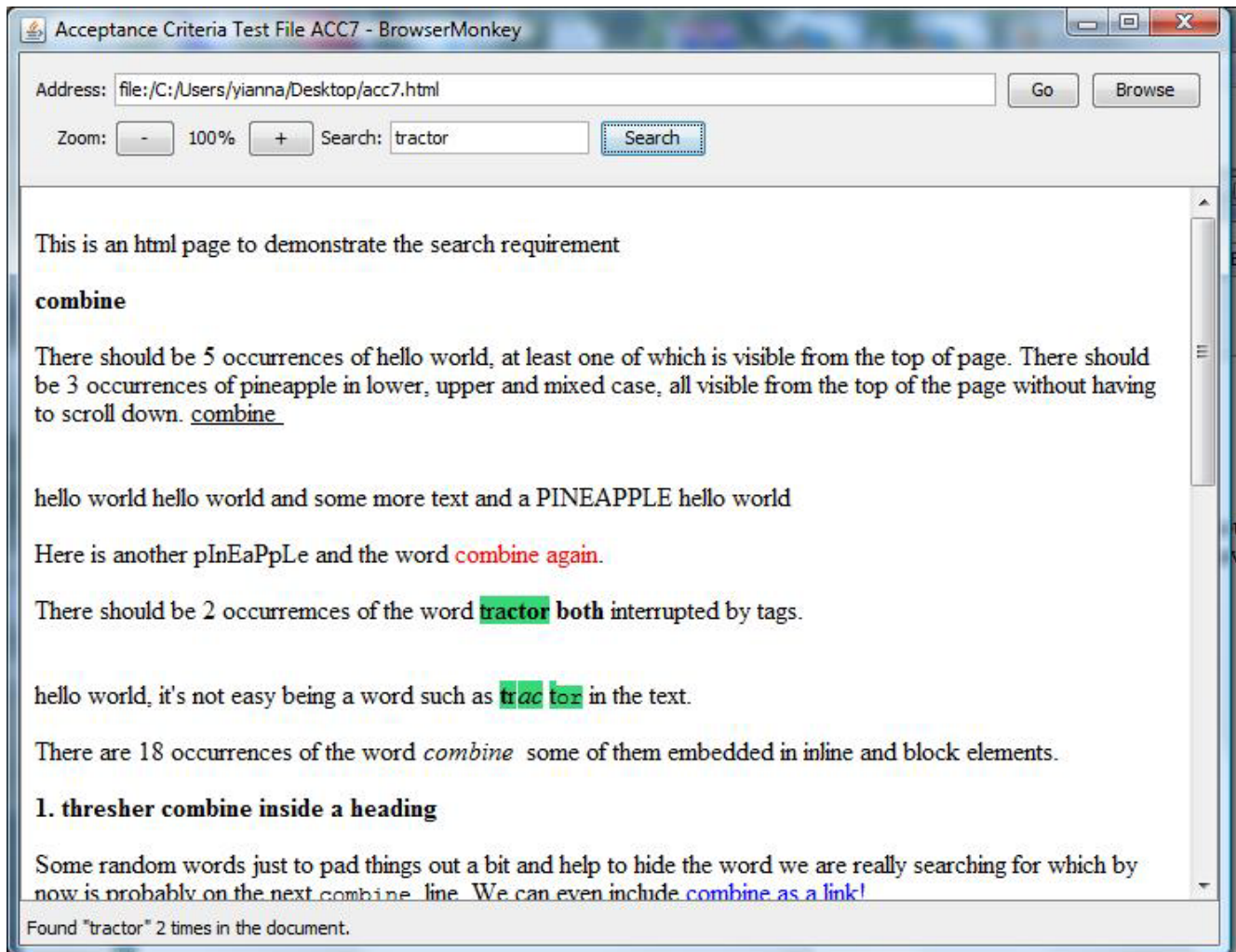
Screenshot
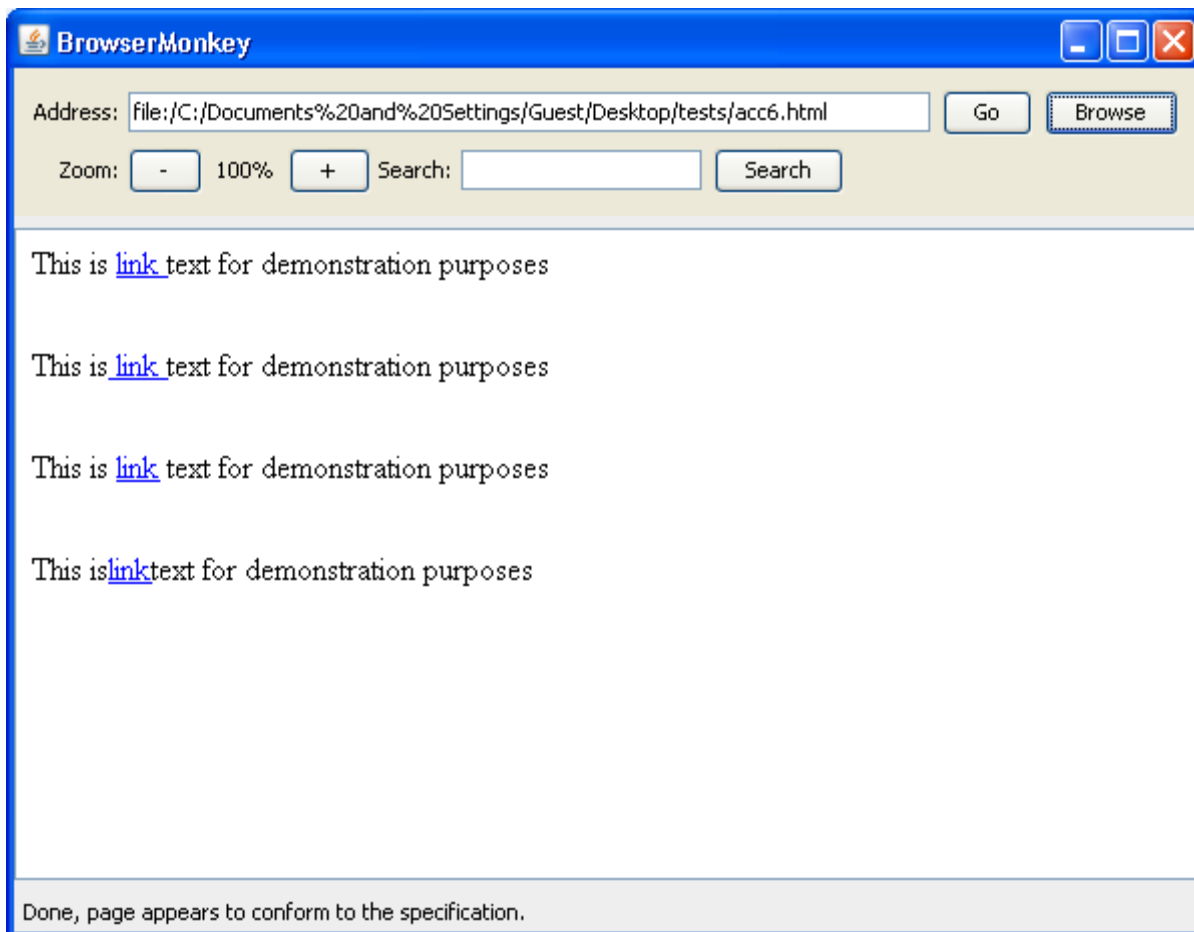
7   Requirement 7 – Search

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc7-0001	Ioanna Kyprianou	05/06/2009	Pass	
acc7-0002	Ioanna Kyprianou	05/06/2009	Pass	
acc7-0003	Ioanna Kyprianou	05/06/2009	Pass	
acc7-0004	Ioanna Kyprianou	05/06/2009	Pass	
acc7-0005	Ioanna Kyprianou	05/06/2009	Pass	
acc7-0006	Ioanna Kyprianou	05/06/2009	Pass	
acc7-0007	Ioanna Kyprianou	05/06/2009	Pass	
acc7-0008	Ioanna Kyprianou	05/06/2009	Pass	
acc7-0009	Ioanna Kyprianou	05/06/2009	Pass	
acc7-00010	Ioanna Kyprianou	05/06/2009	Pass	

Screen shots:

ACC7-0004

ACC7-0009

Acceptance Criteria Test File ACC7 - BrowserMonkey

Address: file:/C:/Users/yianna/Desktop/acc7.html   Go   Browse

Zoom: -   100%   +   Search: tractor   Search

This is an html page to demonstrate the search requirement

combine

There should be 5 occurrences of hello world, at least one of which is visible from the top of page. There should be 3 occurrences of pineapple in lower, upper and mixed case, all visible from the top of the page without having to scroll down. combine

hello world hello world and some more text and a PINEAPPLE hello world

Here is another pInEaPpLe and the word combine again.

There should be 2 occurremces of the word **tractor both** interrupted by tags.

hello world, it's not easy being a word such as tr*ac* tor in the text.

There are 18 occurrences of the word *combine* some of them embedded in inline and block elements.

1. thresher combine inside a heading

Some random words just to pad things out a bit and help to hide the word we are really searching for which by now is probably on the next combine line. We can even include combine as a link!

Found "tractor" 2 times in the document.

8   Requirement 8 – Zoom

Tests Id	Tested by	Most Recent Test	Pass/Fail	Details
acc4-14-0001	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0002	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0003	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0004	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0005	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0006	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0007	Elpida Kyriakou	05/06/2009	Pass	
acc4-14-0008	Elpida Kyriakou	05/06/2009	Pass	

In addition to the simple tests outlined above. An additional few tests were added to test zooming of complicated structured files, and images. These were aspects of zoom that were not originally intended to be in the application.
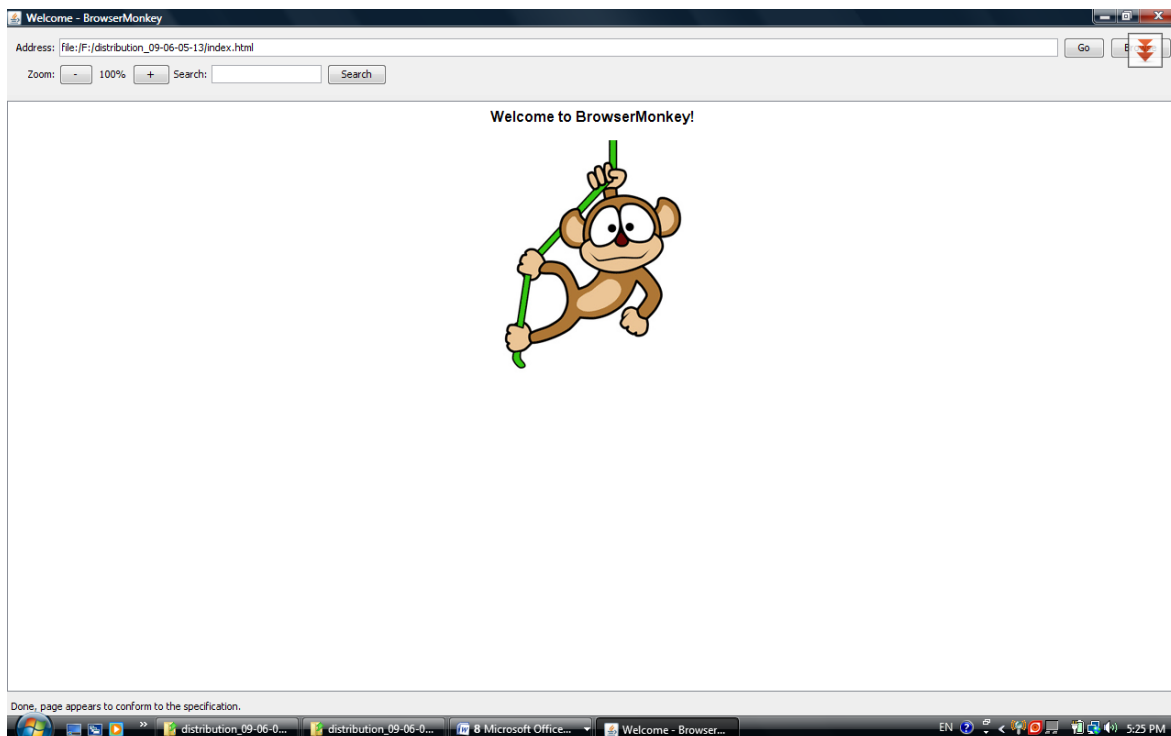
We used a complicated html file that is actually the customer requirements document for this project.
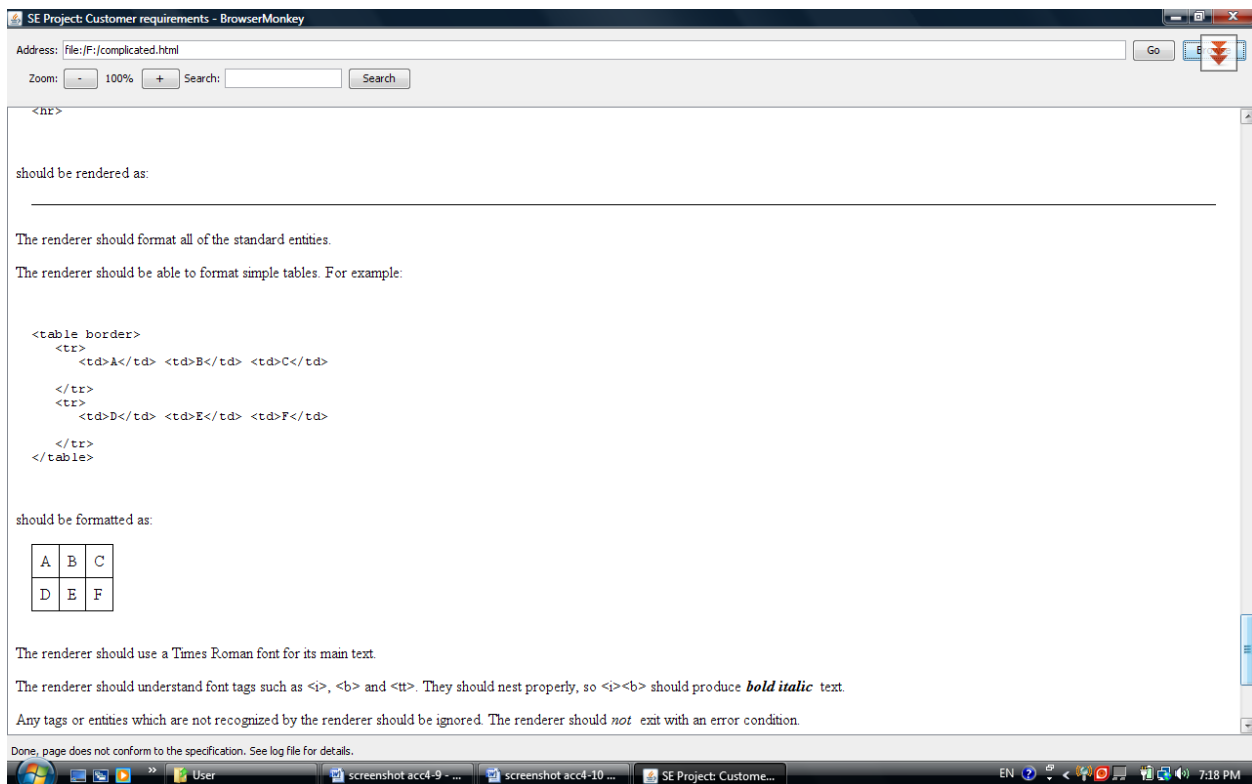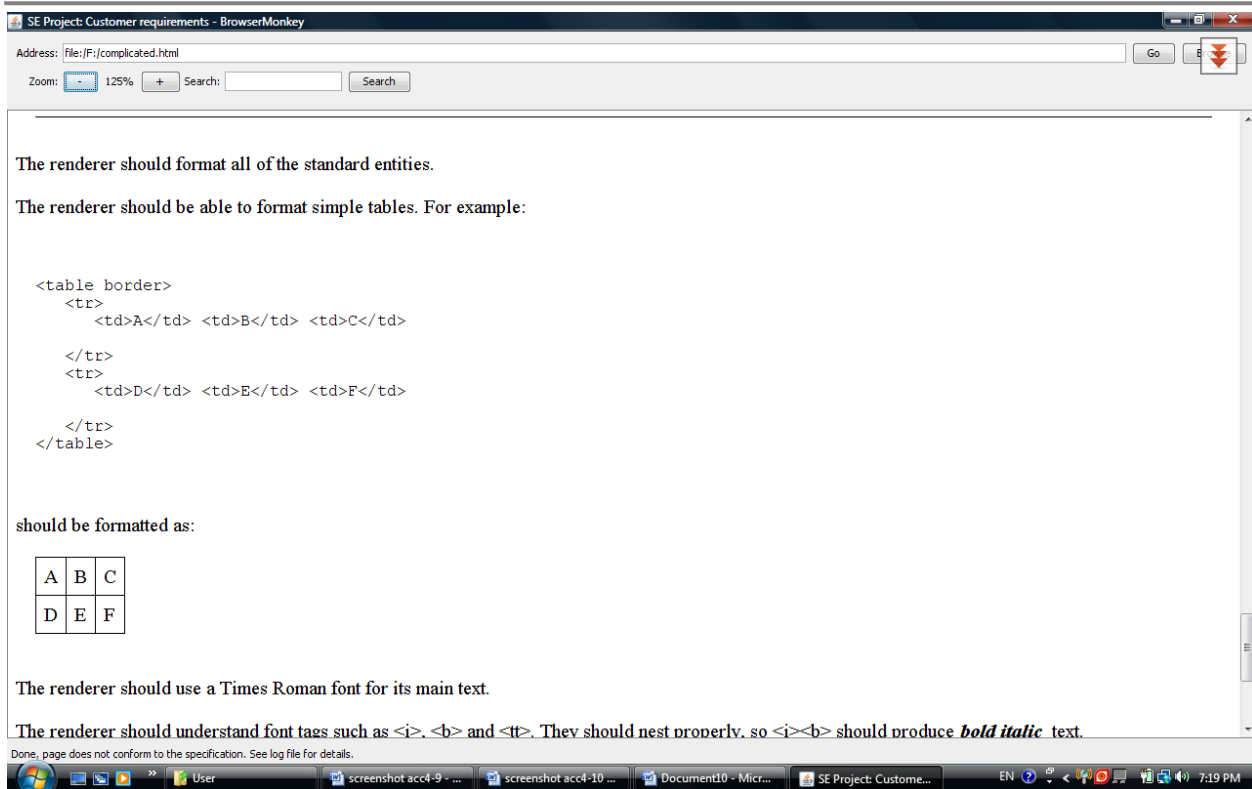
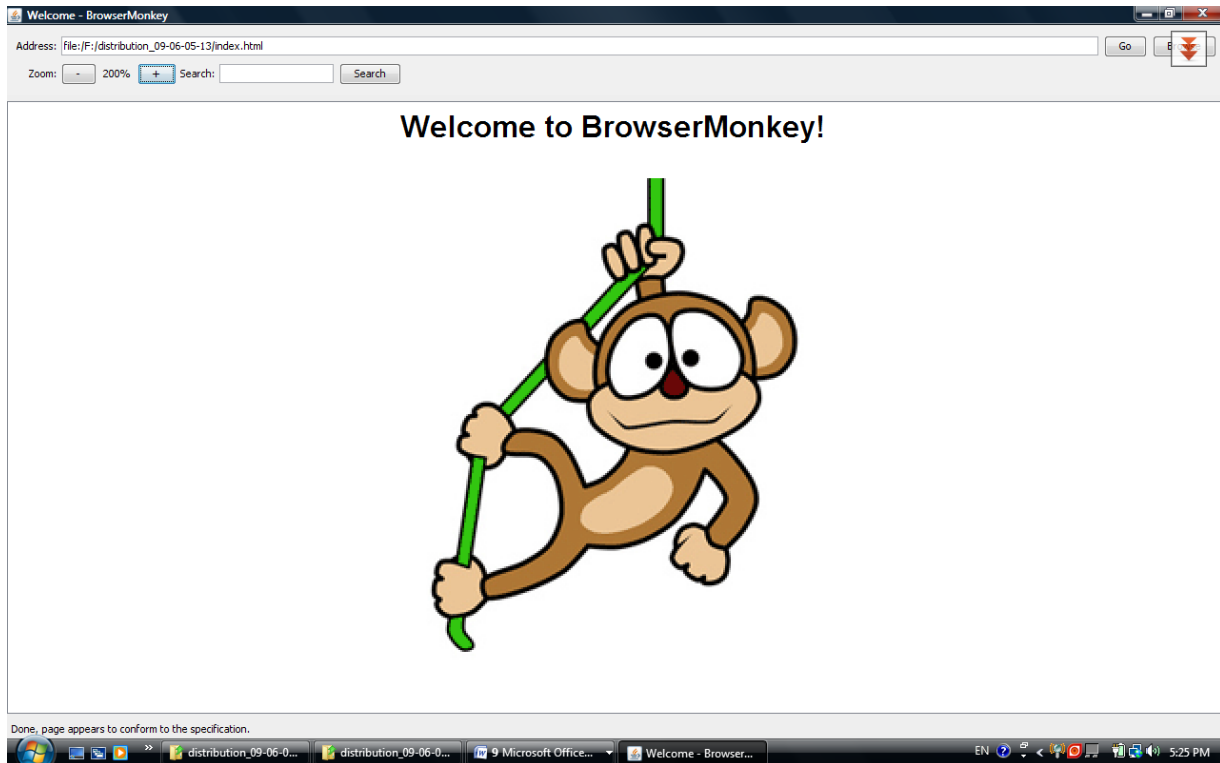This shows pre tags, tables etc, zooming correctly.

To test image zooming, we will use the main page:

Image and text zooms correctly.