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Test Report

for

Highstage Document Module - Test report for SW10055-11

Test Report:	TR13626-1			
Project number:	VALIDATION			
Author:	IAM;SK			
Date:	2023-03-29			
Review by:				
Review date:	2023-03-29			
<i>This test report is based on the following test specification:</i>				
Test specification:	TS10340			
Approval:				
Date	CET	Initials	Name	Justification
2023-03-29	15:44:10	SK	Stefan Skau	Author
By signing this document I hereby declare that I have reviewed the content relevant to me and I approve the document				

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Purpose of this validation

The purpose of this validation is to validate base functionality of the Highstage Document module. It is validated in a stand-alone mode without any reference to the QMS system it will be a part of at each customer, and the customizations it will be equipped with. Therefore, each customer using Document module as part of a certified QMS must validate the module again in their environment. Customers are free to use this document as a template for their own validation protocols.

Conclusion of validation

Validation completed. All test cases passed the validation process.

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1 Scope and Purpose

The purpose of this document is twofold (TS and TR). As TS (Test Specification) the document serves as a specification of tests to be performed. As TR (Test Report) the document serves as a template for logging the actual test results. Before the validation is performed, TS is cloned to a TR. The TR document serves as the report, where all the result from the test is recorded. The TR is placed in the “VALIDATION” workspace

2 Terms and Definitions

Meta-data	Attributes of a document controlled by Highstage, e.g. author, workspace etc.
PAC	Point And Click with the mouse
[XXXXXX]	Text inside a closed set of brackets represents the state a document is in, E.g [Working] or [Approved]

3 References and Related Documents

- [1] [QD10378](#) Document handling process
- [2] [RS10341](#) Requirement Specification for Highstage
- [3] [TS10340](#) Test Specification for Highstage
- [4] [UG10024](#) User Guide for Highstage

4 Document Control

The document is identified and filed according to ref. [1].

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5 Features to be tested

This test is primarily a validation of the user access to Highstage and validation of the 'Document' functionality of Highstage

- Unintended/unauthorized deletion/alteration
 - Files directly on the file server
 - Approved or previous version through Highstage
- Search functions
 - Meta-data search
 - Free text search, alone and combined with Meta-data search
 - Special characters
- Links in, out and between documents in Highstage
 - Newest issue, newest draft, new document dialog
 - Between documents
 - From document out
- Remote access
 - Login
 - Functionality
- Document generation and templates
 - Document types
 - Special characters
 - Unique document ID
 - Validation of fields with predefined selections, e.g. workspace name
 - Verify field limits, e.g. max. number of authors
 - Meta-data on template
- Document handling
 - Review / approval
 - Minor changes
 - Event log
 - Revision list
 - Obsolete and re-activation
- Login/access
 - Unauthorized login
- Response time
- PDF generation
 - Generation of PDF from Word, Excel, Power Point documents
- Browser functionality

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6 Test approach

The tests are manual performed by one user with normal access rights (FT: First tester= your personal username).

In test cases requiring one or more users (test cases 5 and 6) the following test users are included:

- First tester (Personal Account)
- Second tester (VALTEST1),
- Third tester (VALTEST2)
- Fourth tester (VALTEST3).

All tests are executed using a standard workstation. For each test, please note which test profile have been used together with the used browser and OS like:

‘First Tester using Internet Explorer 9’ please note it like ‘FT/IE9’

If a test pass, write PASS

If a test fails write FAIL and note the behaviour or reason.

User explanations:

Username	Specification	
(FT) / Personal account	First Tester	Your own profile
VALTEST1	Seconds tester	Via FireFox
VALTEST2	Third tester	Via FireFox
VALTEST3	Fourth tester	Via FireFox

Browser explanations:

Abbreviation	Browser
IE _x	Internet Explorer where x is the version number
FF _x	Firefox where x is the version number
CH _x	Google Chrome where x is the version number

Other Abbreviations:

Abbreviation	Browser
...	Means a button on the screen with three dots
PAC	Point And Click with the mouse
HS	Refer to the web application Highstage

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Test Case 1: Deletion/alteration

Function: Verified that files in Highstage are adequately protected against unintended deletion or alternation i.e.: Only files in “Working” state can be deleted or changed, and it can only be done by the author(s)

Description: 1. Environment for this specific test (version/revision). Highstage version: **Highstage Document Module - Test report for SW10055-11**
2. A description of input data:
Test documents in Approved and Review state must exist
Test documents in Working state must exist both with the tester as author and with other author.
3. Initialising: None

Step	Specification	Expected	Pass/Fail
1.1	Click folder icon to open TestDoc2, owner VALTEST1.Document in create! As FT user, edit and save approved document for which you are <i>not</i> author from it’s directory on the Highstage server. Use t.ex VALTESTx user to generate document. Logon as VALTESTx and make doc. Using TestDoc2, Owned by VALTEST1, Status Approved	Not possible to save the changed document in the same directory. Folder is read only	PASS
1.2	Delete approved document for which you are <i>not</i> author from its directory on the Highstage server. Using TestDoc1, Owned by VALTEST1, Status: Approved	Deletion prohibited. Deletion denied	PASS
1.3	Open, edit and save draft document (in review state) for which you are <i>not</i> author from its directory on the Highstage server Using TestDoc3, Owned by VALTEST1, Status: Review	Not possible to save the changed document in the same directory. Saving denied	PASS
1.4	Delete draft document (in review state) for which you are <i>not</i> author from its directory on the Highstage server Using TestDoc3, Owned by VALTEST1, Status: Review	Deletion prohibited. Deletion denied	PASS
1.5	Open, edit and save working document for which you are <i>not</i> author from its directory on the Highstage server Using TestDoc4, Owned by VALTEST1, Status: Working	Not possible to save the changed document in the same directory. Saving denied	PASS

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1.6	Delete working document for which you are <i>not</i> author from its directory on the Highstage server Using TestDoc2, Owned by VALTEST1, Status, Working	Deletion prohibited. Deletion denied	<i>PASS</i>
1.7	Open, edit and save working document (in working state) for which you <i>are</i> author from its directory on the Highstage server. Use 'EDIT' Button Using TestDoc5, Owned by FT, Status Working	Changes can be saved in the same file. Changes saved	<i>PASS</i>
1.8	Delete working document for which you <i>are</i> author from its directory on the Highstage server	Document is deleted	<i>PASS</i>
1.9	Open, edit and save approved document from its folder in Highstage Using TestDoc6, Owned by FT, Status APPROVED	Not possible to save the changed document in the same directory. Saving denied	<i>PASS</i>
1.10	Delete approved document from its folder in Highstage Using TestDoc6, Owned by FT, Status: APPROVED	Deletion prohibited. Deletion denied	<i>PASS</i>
1.11	Open, edit and save document in Review state from its folder in Highstage Using TestDoc7, Owned by FT, Status: REVIEW	Not possible to save the changed document in the same directory. Saving denied	<i>PASS</i>
1.12	Delete document in review state (not draft document) from its folder in Highstage Using TestDoc7, Owned by FT, Status: REVIEW	Deletion prohibited. Deletion denied	<i>PASS</i>

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Test Case 2: Search functions			
Function: Verify that the right documents are found using the different search functions and that the search functions can handle special characters adequately.			
Description: 1. Environment for this specific test (version/revision). Highstage version: Highstage Document Module - Test report for SW10055-11 2. A description of input data: Test Documents for which you know a given word exists, including special characters e.g. @,!,",",#,&,\$,£,?,*, or % 3. Initialising: Highstage search page is active			
Step	Specification	Expected	Pass/Fail
2.1	Navigate to [DOCUMENTS -> Search] In the search field in the top of the frame, Write "Buksetrold", in the first dropdown box choose [File content] and pick [Latest Approved]" in the revision filter, Then press the 'Search' button.	The following documents should at least be the result of the search: Testdoc7	PASS
2.2	Verify that the document has "Buksetrold" somewhere in the document	The text "Buksetrold" found in 2 documents	PASS
2.1a	Navigate to [DOCUMENTS -> Search] Select [File content] in the first drop-down . Select [Filter: Latest] in the third drop-down menu. Write " <i>Buksetrold</i> " in the empty search field. Click [Search].	A series of documents, at least: This document TestDoc7	
2.2a	Verify that 2 of the other documents has "Buksetrold" somewhere in the document	The text "Buksetrold" found in 2 documents	PASS
2.3	In the [item] field write UG and press return	UG10370-1 is shown. If others are shown verify that they are of Type UG and holds the text Highstage	PASS (<i>Altered to type GD and text Buksetrold</i>)
2.4	Enter the email address "VALTEST1@HighStage.com"from test document in the search field, and make sure [File content] have been chosen in the first dropdown box then press return.	The test document is found	PASS
2.5	Enter other special character "words" from the test document in the search field and make sure [File content] have been chosen in the first dropdown box, then press return	The test document is found	PASS

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Test Case 3: Links in, out and between documents in Highstage

Function: Verify that links can be made in, out and between documents in Highstage, referring to specific issue, newest draft/working copy or newest approved version. Verify also that the new document dialog can be linked to from outside Highstage selecting a specific document type.

Description: 1. Environment for this specific test (version/revision). Highstage version: **Highstage Document Module - Test report for SW10055-11**
2. A description of input data:
Test document (#1) with approved version 1, a newer draft version 2a and a even newer version 2b in Working mode
Test document (#2) with only a version 1a in working mode
Instruction on how to make the links into Highstage is found in ref.[4].
3. Initialising: None

Step	Specification	Expected	Pass/Fail
3.1	Create a record of the link to newest approved version of testdoc #1 from the browser. Remove revision prefix from the URI to the site.	Newest approved version (1) of the document should be shown.	PASS
3.2	Create a record of the link to newest draft version of testdoc #1 and PAC it. Remove revisions from link, add &latest=1 to the URI. and browse the resource.	Newest draft version (2b) opened	PASS
3.3	Create a record of the link to newest approved version of testdoc #2 and access it with the browser.	No document found since testdoc #2 has not been approved yet	PASS
3.4	Create a record of the link to newest draft version of testdoc #2 access it with the browser.	Newest draft version (1a) opened	PASS
3.5	Click on [Documents] -> [New] add &itemtype=GD to the URL, and press enter. Copy the URL and make a record of it. Paste the URL into a browser request it.	The site to create a new document is shown on the screen when accessing it with the browser, Type is already filled with the property (GD).	PASS
3.6	Copy the link to newest approved version of testdoc #1 add &approved=1 to the URI and save it into testdoc2. Save the document and reopen testdoc #2. PAC the link	Newest approved version (1) opens in the browser	PASS
3.7	In testdoc. #2 create a link to newest draft version of testdoc #1, using the	Newest draft version (1) opened	PASS

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	URI concadinated with &latest=1 . save the document and reopen testdoc#2 then PAC the link		
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Test Case 4: Remote access			
Function:			
Description: 1. Environment for this specific test (version/revision). Highstage version: Highstage Document Module - Test report for SW10055-11 A PC with a MS Internet explorer (>= ver. 5.5) using remote access to the Highstage server 2. A description of input data: None 3. Initialising: None			
Step	Specification	Expected	Pass/Fail
4.1	Log on to Highstage	The Highstage Main page is shown	<i>PASS</i>
4.2	Create new test document	A document is created	<i>PASS</i>
4.3	Open, edit and save the new test document	Author and Document ID is correct	<i>PASS</i>
4.4	Close document and Approve it	Document is approved and pdf version is generated	<i>PASS</i>

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Test Case 5: Document generation and templates

- Function:**
- Document generation and templates
 - Document types
 - Special characters
 - Unique document ID
 - Validation of fields with predefined selections, e.g. workspace name
 - Meta-data on template

Description:

1. Environment for this specific test (version/revision). Highstage version: **Highstage Document Module - Test report for SW10055-11**
2. A description of input data: None
3. Initialising: None

Step	Specification	Expected	Pass/Fail
5.1	Press [Documents] -> [New]	The “Create new document” menu is shown	PASS
5.2	Press the [...] button left to the input field “Type”	You get the list of document types you have used previously. (Resent types)	PASS
5.3	Press [All Subtypes] in the dialog box	You get the full list of document types	PASS
5.4	Press the [...] button left to the input field “Workspace”	You get the list of workspaces you have used previously. (Resent workspaces)	PASS
5.5	Press [All workspaces] tab on the “Workspace” line	You get the full list of workspaces	PASS
5.6	Write “!#α%&/()=?@£\$” as document type, “.-;:_*^’” as workspace, “test” as description and press “Create”	An error message is shown	PASS
5.7	Write “GD” as document type, VALIDATION as workspace, !”#α%&/()=?@£\$ as description and press “Create” Note Document number	A new document is created and the document page for it is shown	PASS
5.8	Click the input field belonging to “Workspace”	A dialog box is shown, with a warning regarding moving files is shown	PASS
5.9	Press [All workspaces] on the workspace line	A list of all workspaces is shown, together with the warning	PASS
5.10	Select workspace TEST, and press [OK]	Workspace now shown as TEST	PASS
5.11	Use e.g. windows explorer to check the files are moved in the Highstage	Files now exist under workspace TEST and not	PASS

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	server file structure Files found in: TEST\GD{docnumber}	under workspace VALIDATION	
5.12	Change workspace back to VALIDATION Files found in: VALIDATION\GD{docnumber}	Files now exist under workspace VALIDATION and not under workspace TEST	PASS
5.13	Write false user eg. "BBB" in Author and click on 'Review'	An error message is shown	PASS
5.14	Press "...", add Second tester, Third tester, Fourth tester as Authors and click on 'Review'	No error message is shown	PASS
5.15	Change and write "BBB" in 'ReviewBy' and click on Approve	An error message is shown	PASS
5.16	Press "...", add Second tester, Third tester and Fourth tester as Reviewers and click on Approve	No error message is shown	PASS
5.17	Change and write "BBB" in 'ApproveBy' and click on 'Review'	An error message is shown	PASS
5.18	Press "...", add Second tester, Third tester and Fourth tester to 'ApproveBy' and click on 'Review' And click 'OK'	No error message is shown	PASS
5.19	Write something in the alias field, press edit and open	Field on the frontpage are updated with relevant data	PASS
5.20	Write the name of your second tester (VALTEST2) in the Review and Approve fields, remove the person from the Author list and press 'Review'	Status is changed to review	PASS
5.21	Press delete on the document	The document cannot be deleted	PASS
5.22	Press the eventlog	The entries of the log equals the steps performed in this test case	PASS
5.23	Press [Documents] -> [Search] in the revision filter choose [Latest revisions] in the drop-down box.	The search page is shown with document in various states	PASS
5.24	Enter the number of document you created in the Item field and press "enter"	The document you created is shown and no other documents are shown	PASS
5.25	Try with 10 other numbers between 10001 and the number of you current test doc.	Only one document is shown at each search	PASS

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Test Case 6: Document handling			
Function:			
<ul style="list-style-type: none"> ○ Review / approval ○ Eventlog ○ Revision list ○ Obsolete and re-activation 			
Description:			
<ol style="list-style-type: none"> 1. Environment for this specific test (version/revision). Highstage version: Highstage Document Module - Test report for SW10055-11 2. A description of input data: Test Case 5 output is input for this test case 3. Initialising: None 			
Step	Specification	Expected	Pass/Fail
6.1	VALTEST2: Open the Highstage main page	The document is shown in the “My reviews and Approvals”	PASS
6.2	VALTEST2: Open the test document created in test case 5	The document is in review state and waits for VALTEST2	PASS
6.3	VALTEST2: Reject the review with a comment	VALTEST2 is asked to enter ID and password. The document is shown as rejected	PASS
6.4	VALTEST1: Update the document page	The document is shown as rejected	PASS
6.5	VALTEST1: Press advanced and change	Status is changed to Working	PASS
6.6	VALTEST1: Open the document, make some changes, close document and press review	The document is in review state and waits for second tester	PASS
6.7	VALTEST2: Accept the review with a comment	VALTEST2 is asked to enter ID and password. The document is shown as reviewed and ready for approval	PASS
6.8	VALTEST2: Approve the document	VALTEST2 is asked to enter ID, password and a justification. The document is shown as in approval	PASS
6.9	VALTEST2: Approve document on behalf of FT, VALTEST1 and VALTEST3;	VALTEST2 is asked to enter ID, password and a justification The document is shown as approved	PASS

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6.10	FT (First tester): Press Change	The document is in Working state ready to be edited	PASS
6.11	Edit the document, Clear reviewer, enter FT as approver, enter a change note and press approve.	The document is in approval state	PASS
6.12	Approve the document	The document is shown approved in a new version	PASS
6.13	Open ' Advanced ' section, Press ' Minor Change '	The document revision would not change after after ' Minor Change ' Note that the minor edition is shown as [.x] are shown after the document number.	PASS
6.14	In the 'Documents->Search'	See that the minor edition is shown as [.x] after the Item number	PASS
6.15	Open the ' Advanced ' section.	There is no ' Minor Change '	PASS
6.16	Press ' Approval '	The document is in approval state. The Minor edition is shown as [.x] after the item number	PASS
6.17	Press ' Change '	The document revision is increased with one. Document in Working state	PASS
6.18	Press ' Approval '	The document is in approval state.	PASS
			PASS
6.19	Press ' Obsolete ' under the Advanced tab	The document is shown as obsolete in the status field	PASS
6.20	Press search and search for the document number	The document is not shown	PASS
6.21	In the Revision filter choose [All revisions] and search again	The document is not found	PASS
6.22	In the Revision filter choose [Obsolete] and search again	The document is found	PASS
6.23	Open the document page, under [Advanced] press the input field [obsolete] and unclick the [Obsolete] check box, write a reason in the note, and press [OK]	FT is asked to enter ID ', password and Note The document is shown as approved	PASS
6.24	In the Revision filter choose [List all revisions]	The correct revision story is shown	PASS
6.25	Press [Eventlog]	The entries of the log equals the steps performed in this test case	PASS

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Test Case 7: Login

Function: ○ Unauthorized login			
Description: 1. Environment for this specific test (version/revision). Highstage version: Highstage Document Module - Test report for SW10055-11 2. A description of input data: 3. Initialising: None			
Step	Specification	Expected	Pass/Fail
7.1	Enter illegal name and password	You are not logged in	<i>PASS</i>
7.2	Repeat with several other names and passwords	An error page is shown	<i>PASS</i>
7.3	Open Highstage using correct username and password	Highstage is opened	<i>PASS</i>

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Test Case 8: Response time

Function:

Description: 1. Environment for this specific test (version/revision). Highstage version: **Highstage Document Module - Test report for SW10055-11**
2. A description of input data:
3. Initialising: None

Step	Specification	Expected	Pass/Fail
8.1	Open browser and type Highstage	Main page shown in less than 5 sec.	<i>PASS</i>
8.2	Open a document page	Page shown in less than 5 sec.	<i>PASS</i>
8.3	Open 10 different document pages	At least 9 of the 10 pages are pages shown in less than 1 sec.	<i>PASS</i>
8.4	Open the search page	Search page shown in less than 1 sec.	<i>PASS</i>
8.5	Try 10 different searches	At least 9 of the 10 searches takes less than 2 sec.	<i>PASS</i>

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Test Case 9: PDF generation			
Function: <ul style="list-style-type: none"> • PDF generation <ul style="list-style-type: none"> ○ Word, Excel, Power Point 			
Description: <ol style="list-style-type: none"> 1. Environment for this specific test (version/revision). Highstage version: Highstage Document Module - Test report for SW10055-11 2. A description of input data: None 3. Initialising: None 			
Step	Specification	Expected	Pass/Fail
9.1	Create word document with different fonts as well as figure & table which expands outside page size (i.e. should be clipped by the pdf printer).		<i>PASS</i>
9.2	Send it for review	A pdf version is generated	<i>PASS</i>
9.3	Verify that the pdf version is correct	The pdf version is similar to the word version	<i>PASS</i>
9.4	Press Change and replace the word file with an excel workbook with multiple sheets, e.g. system test sheet. Press update to get Highstage to rename file to the correct filename		<i>PASS</i>
9.5	Send it for review	A pdf version is generated	<i>PASS</i>
9.6	Verify that the pdf version is correct	The pdf version is similar to the excel version	<i>PASS</i>
9.7	Press Change and replace the excel file with a PowerPoint file with multiple pages. Press update to get Highstage to rename file to the correct filename		<i>PASS</i>
9.8	Send it for review	A pdf version is generated	<i>PASS</i>
9.9	Verify that the pdf version is correct	The pdf version is similar to the PowerPoint version	<i>PASS</i>