



The screenshot displays a software interface with two requirement tables and a sidebar titled 'Dokumentaktionen'. The first table, labeled 'Requirement', has columns for ID (46), RQ, Revision (1), and Priority (3). Its title is 'Generate MDD essential requirements' and its description states: 'The application can generate Essential requirements for MDD. Essential requirements must be fulfilled by product requirement.' The second table, also labeled 'Requirement', has columns for ID (47), RQ, Revision (1), and Priority (3). Its title is 'Generate essential requirements for 21 CFR Part 11' and its description states: 'The application can generate Essential requirements for 21 CFR Part 11. Essential requirements must be fulfilled by product requirement.' The footer of the page includes 'Confidential', '© <Company Name>, 2010', and 'Page 23'. The 'Dokumentaktionen' sidebar lists various actions such as Requirement, Specification, UseCase, TestCase, Failuremode, Mitigation, UMLDesign, ExecutedTestCase, WizardReport, Review, Issue, and File, each with a dropdown arrow.



## Word Examples

This document shows a few examples on what type of documentation you can generate with Aligned Elements. All examples are listed in the Table of Content on the following page.

The naming used such as *Requirement* or *Executed Test Case*, is of course configurable. You may call your different types of documentation whatever you like.

We believe that we can make the output of your Aligned Element project look more or less like your existing manually created documentation

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## 1. Generate an Automatic Revision History

### Revision history

Version	Date	Author	Change
1.0	2007-07-02	Anders	Updated formal parts of document. Add RQ 107 as the last missing RQ.
1.1	2007-07-04	Anders	Add Auto Revision history The File FI 3, rev. 2 'Glossary' was added.
1.2	04.09.2007	Anders	The Requirement RQ 108, rev. 1 'It must be possible to copy the chapter structure from one book to another or within a book' was added
1.3	26.05.2008	Kallis	Added all requirements for V1.5.0.9
1.4	06.10.2008	Kallis	No changes for V1.5.0.21
1.5	28/11/2008	Anders	RQ 116, rev. 1 'A trial deployment shall be available' was added for V.1.5.0.29
1.6	17.03.2009	Kallis	Updated for AE V1.6.0.17
1.7	04.05.2009	Kallis	No updates for AE V1.6 SP 1 (V1.6.0.23)
2.0	15.06.2009	Kallis	No updates for AE V1.6 SP 2 (V1.6.0.27)
2.1	2010-06-30	Kallis	RQ 101 was updated to rev 2. Comment(s): '{allow to run using expired license} '  Chapter Supported Databases was added to the document  RQ 125, rev. 1 'SQL Server 2005' was added.  RQ 126, rev. 1 'SQL Server 2008' was added.  Chapter Supported Operating Systems was added to the document  RQ 127, rev. 1 'Windows XP Service pack 2' was added.  RQ 128, rev. 1 'Windows Vista' was added.

			RQ 129, rev. 2 'Windows 7 32 bit' was added.
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## 2. **Generate a Reference List where Document Versions and File Name will be Automatically updated**

### 2.1 **References**

[1] *Aligned Elements Glossary.doc V1.1*

### 3. Generate Your Design History File

Section	ID	Title	Fulfilled by	Hardcopy Location	Current Status	Document Version
Requirements	DL 2	Glossary	FI 2: Project Glossary		Released	V1.1
Requirements	DL 1	Product Requirements	FI 1: Product Requirements		Released	V1.4
Requirements	DL 3	Software Specification	FI 15: Software Specification		Released	V1.1
Requirements	DL 4	Use Case	FI 16: Use Case Specification - User Management		Released	V1.1
Requirements	DL 4	Use Case	FI 17: Use case Specification – Printing		Released	V1.3
Requirements	DL 4	Use Case	FI 18: Use Case Specification - Link Projects		Released	V1.1
Requirements	DL 4	Use Case	FI 20: Use Case Specification - Word Integration		Released	V1.1
Requirements	DL 5	Hardware Specification	FI 29: Hardware Specification		Released	V2.1
Analysis & Design	DL 6	Software Architecture Document	FI 13: Software Architecture Document		Released	V1.0
Analysis & Design	DL 7	Software Design	FI 14: Software Design - User Management		Released	V1.0
Analysis & Design	DL 7	Software Design	FI 22: Software Design - Printing		Released	V1.0
Analysis &	DL 7	Software	FI 23: Software		Released	V1.0

Design		Design	Design - Link Projects			
Analysis & Design	DL 7	Software Design	FI 24: Software Design - Grouping etc		Released	V1.0
Analysis & Design	DL 7	Software Design	FI 25: Software Design - Word Integration etc		Released	V1.0
Analysis & Design	DL 7	Software Design	FI 26: Software Design - Document Objects etc		Released	V1.0
Analysis & Design	DL 8	Hardware Design	FI 27: Hardware Design		Released	V1.0
Analysis & Design	DL 9	Hardware Design Drawing 1	a0001.pdf	Z:\andersemmerich\Documents\Drawings\	Released	V1.1
Analysis & Design	DL 16	Hardware Design Drawing 2	a0003.pdf	Z:\andersemmerich\Documents\Drawings\	Released	V1.1
Analysis & Design	DL 17	Hardware Design Drawing 3	A1216.pdf	Z:\andersemmerich\Documents\Drawings\	Released	V1.2
Analysis & Design	DL 18	Hardware Design Drawing 4	A1539.pdf	Z:\andersemmerich\Documents\Drawings\	Released	V1.2
Testing	DL 10	Master Test Plan	FI 3: Master Test Plan		Released	V1.0
Testing	DL 11	Unit Test Plan	FI 4: Unit Test Plan - Doors		Released	V1.0
Testing	DL 11	Unit Test Plan	FI 5: Unit Test Plan - Wheels		Draft	V0.7
Testing	DL 11	Unit Test Plan	FI 6: Unit Test Plan - Seats		Draft	V0.7
Testing	DL	Unit Test Plan	FI 7: Unit Test		Draft	V0.7

	11		Plan - Fuel Tank			
Testing	DL 12	Integration Test Plan	FI 8: Integration Test Plan - Cockpit		Draft	V0.7
Testing	DL 12	Integration Test Plan	FI 10: Integration Test Plan - Drive		Draft	V0.7
Testing	DL 13	System Test Plan	FI 11: System Test Plan		Draft	V0.6
Testing	DL 13	System Test Plan	FI 33: System Test Plan		Released	V1.1
Testing	DL 14	Validation Plan	FI 12: Validation Plan		Draft	V0.3

## 4. Different Displays of Document Objects and their Chapters, here Requirements

### Requirement *User Management*

ID	RQ 1	Revision	2	Priority	1
<b>Title</b>	User authentication				
<b>Description</b>	Must provide user authentication. Only authenticated users may change or add document objects.				

ID	RQ 2	Revision	2	Priority	1
<b>Title</b>	21 CFR Part 11 compliance				
<b>Description</b>	The application must be 21 CFR Part 11 compliant. Electronic signatures must be supported.				

ID	RQ 3	Revision	2	Priority	1
<b>Title</b>	User groups				
<b>Description</b>	It must be possible to create and modified user groups which are aggregations of user operations per document object type.				

ID	RQ 4	Revision	2	Priority	1
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<b>Title</b>	User operations
<b>Description</b>	The User management must support user operations for: read, modify, disable, create and add trace to a document object. It must be possible to define if the user operations are allowed for each document object type.

ID	RQ 101	Revision	2	Priority	1
<b>Title</b>	Licensing				
<b>Description</b>	<p>The usage permission of Aligned Elements must be controlled by a Licensing mechanism. There must exist Node Locked and Floating Licenses.</p> <p>Permission is guided through three things:</p> <ol style="list-style-type: none"> <li>1) User has a valid license (called A) or not (called Not-A)</li> <li>2) User has access to the Internet (called B) or not (called Not-B)</li> <li>3) The license server is running and accessible (called C) or not (called Not-C)</li> <li>4) The project the user works on is either Online (called D) or Offline (called Not-D)</li> <li>5) The user has an expired license (Called E)</li> </ol> <p>The user is permitted to work with Aligned Elements when the following expressions are true:</p> <p>(A or E) and B and C and D            (A or E) and B and C and Not-D</p> <p>(A or E) and B and Not-C and D            (A or E) and B and Not-C and Not-D</p> <p>(A or E) and Not-B and C and Not-D            (A or E) and Not-B and Not-C and Not-D</p> <p>For expired licenses (E), the user is not entitled to upgrading the software</p>				

ID	RQ 109	Revision	1	Priority	1
<b>Title</b>	Export and Import User Groups				
<b>Description</b>	It must be possible to export user groups to a file and import the user groups files in a different project which recreates the user groups.				

ID	RQ 110	Revision	1	Priority	1
<b>Title</b>	Export and Import Users				
<b>Description</b>	It must be possible to export users to files and import the user files in a different project which recreates the user.				

## *Word Integration*

ID	RQ 11	Revision	3	Priority	1
<b>Title</b>	Generate document objects from content in a word document.				
<b>Description</b>	If the document object types are part of a word document (and not in the database), it must be possible to generate the document object from the word document.				

ID	RQ 9	Revision	2	Priority	1
<b>Title</b>	Synchronize documents with the database				
<b>Description</b>	<p>The synchronize mechanism must check:</p> <ol style="list-style-type: none"> <li>1. if a document object is part of the document and there is a newer revision in the database, the document must be updated.</li> <li>2. if a document object has been changed in the document, it must be updated in the document (if it is unchanged in the document.).</li> <li>3. if both are changed, the user must be prompted to decide, if the database version should be overwritten or not.</li> </ol>				

ID	RQ 14	Revision	2	Priority	1
<b>Title</b>	Traceability tables.				
<b>Description</b>	It must be possible to insert traceability tables into the document. The format of these tables must be configurable.				

ID	RQ 22	Revision	2	Priority	1
<b>Title</b>	Word Document Revision History				
<b>Description</b>	The system must feature an automated document revision history. This revision history features the adding, changing and removing of objects.				

ID	RQ 27	Revision	3	Priority	1
<b>Title</b>	Insertion of document objects in Word documents				
<b>Description</b>	<p>It must be possible to insert document objects into a word document by dragging one or more object types into the word document.</p> <p>The appearance/word formatting of the document type attributes as they are presented in the word document must be configurable.</p>				

## 5. A Slightly Different Display for Test Results

ID	TCX 72	Revision	15		
<b>Title</b>	Recording Changes in the Revision History in a Word Document				
<b>Description</b>	The system features an automated document revision history. This revision history				

	records the adding, changing and removing of objects.	
<b>Configuration</b>	V1.7.0.36 Windows XP Word 2003	
<b>Pre Condition</b>	A project with some document objects in it exist, at least one file object with a word document exists and the word document is currently open. Also a word xml template called RevisionHistory.xml exists.	
<b>Execution Date</b>	24.03.2011 13:59:00	
<b>Assigned User</b>	Kallis	
<b>Result</b>	Passed	
<b>Stimuli</b>	<b>Expected Behaviour</b>	<b>Actual Behaviour</b>
The "Insert Revision History" Button is pressed.	A revision history appears in the document at the current position of the cursor. The revision history contains one entry row with version "0.1", the current user and todays date.	As expected
A document object is dragged from the project-tree into the document	The revision history records the change that the object was added to the document.	As expected
The title field of the previously inserted object is changed in the document	The revision history records the change in the comment field. The version, author and date field remain unchanged.	As expected
The user presses the "Synchronize" button	The document is updated in the database after the user has entered a change comment. The revision history is not changed.	As expected
The title of the previously added object is changed in the database.	The object is changed in the database, the document now contains an out of date revision.	As expected
The user presses the "Synchronize" button	The document is updated with current revision of the object. The revision history records the change. The comment field contains the change comment from the change in the database. The version, author and date field remain unchanged.	As expected
The user makes a change to the document outside of all object tags	The revision history does not change	As expected
The user makes a changes just behind the main tag of	The revision history does not change	As expected

the previously inserted document object. (f.e. directly after "Requirement" tag)		
The user selects the complete object in the document and deletes it.	The revision history records the deletion of the object in the document.	As expected
The user presses the synchronize button again.	The object is not deleted from the database eventhough it is deleted from the document.	As expected

<b>ID</b>	TCX 73	<b>Revision</b>	17
<b>Title</b>	Document Versioning with the Revision History		
<b>Description</b>	The revision history in word documents will manage versions. For each session it increases the version number by 0.1. The version number can be manually changed and the system will then increment the new version number.		
<b>Configuration</b>	V1.7.0.36 Windows XP Word 2003		
<b>Pre Condition</b>	A word document which is part of a file object is already opened.		
<b>Execution Date</b>	24.03.2011 14:07:21		
<b>Assigned User</b>	Kallis		
<b>Result</b>	Passed		
<b>Stimuli</b>	<b>Expected Behaviour</b>	<b>Actual Behaviour</b>	
The user inserts a revision history into the document	The revision history contains an entry with the users name, date and version number 0.1.	As expected	
The user drags an object from the project tree into the document.	The change is recorded in the line 0.1.	As expected	
The user saves the document, exits word.	The file object which contains the document is displayed.	As expected	
The user opens the word document again.	The document contains a revision history with the version 0.1	As expected	
The user drags another object into the document.	The revision history records the change and the new version number is 0.2	As expected	
The user changes the	The revision history now contains the	As expected	

document version in the revision history to 1.0	versions 0.1 and 1.0	
The users saves the document, exits word.	The file object which contains the document is displayed.	As expected
The user opens the word document again.	The document contains a revision history with the version 1.0.	As expected
The user drags another object into the document.	The revision history records the change and the new version number is 1.1	As expected
The user saves the document, exits word.	The file object which contains the document is displayed.	As expected
The user closes the file object.	The updated version of the file object is stored in the db, after a change comment is entered.	As expected
The user opens the file object again.	The file object now displays the version number 1.1 next to the file name.	As expected
The user opens the word document again	The document contains a revision history with the version 1.1.	As expected
The user changes the current version from 1.1 to the invalid value of "abc"	The current revision table now is "abc"	As expected
The user saves the document, exits word.	The file object which contains the document is displayed	As expected
The user opens the word document again and drags another document object into the word document.	The current version is now updated to 0.1.	As expected

<b>ID</b>	TCX 74	<b>Revision</b>	19
<b>Title</b>	Synchronize documents with the database		
<b>Description</b>	Aligned Elements allows to change document objects in the database and in word documents. The synchronize mechanism will update both the document and the		

	database the newest versions of the objects.	
<b>Configuration</b>	V1.7.0.36 Word XP Word 2003	
<b>Pre Condition</b>	A file object with a word document exists and the word document is opened. At least one failuremode and one additional document object exist in the project. The additional document object is at least in the second revision, i.e. there exist previous revisions.	
<b>Execution Date</b>	24.03.2011 14:12:11	
<b>Assigned User</b>	Kallis	
<b>Result</b>	Passed	
<b>Stimuli</b>	<b>Expected Behaviour</b>	<b>Actual Behaviour</b>
Drag an object from the project explorer into the doc.	The object is displayed in the doc.	As expected
Change the title of the object in the doc.	none	As expected
Press the synchronize button	After entering a changecomment in the displayed gapform the object is updated in the database.	As expected
Change the title of the object in the database.	none	As expected
Press the synchronize button	The object is updated in the document.	As expected
Change the title of the object both in the database and in the document.	The object is changed in both the doc and the database.	As expected
Press the synchronize button.	A conflict form appears, which prompts the user to choose which changes are to be kept.	As expected
Choose to keep the changes from the database.	The document is updated with the changes from the database. The changes in the document are overwritten.	As expected
Insert a previous revision from the same object into the document.	The object is displayed in the document.	As expected
Make a change to the object in the database.	The object is changed in the database.	As expected
Press the synchronize button.	Only the object with current revision is updated. The object in the document,	As expected

	which represents the previous revision is unchanged.	
Make a change to one of the objects in the document.	none	As expected
Press the synchronize button.	A gapform appears, which shows the change.	As expected
In the gapdialog press cancel.	The gapform disappears, the changes to the document object remain in the document.	As expected
Press the synchronize button and press ok after entering a changecomment.	The object is updated in the database.	As expected
Press the synchronize button again.	No changes are detected.	As expected

<b>ID</b>	TCX 75	<b>Revision</b>	18
<b>Title</b>	Insertion of document objects in Word documents		
<b>Description</b>	Aligned Elements allow to insert document objects into word documents.		
<b>Configuration</b>	V1.7.0.36 Windows XP Word 2003		
<b>Pre Condition</b>	A file object with a word document exists and the word document is open. The current project contains at least two document objects.		
<b>Execution Date</b>	24.03.2011 14:18:21		
<b>Assigned User</b>	Kallis		
<b>Result</b>	Passed		
<b>Stimuli</b>	<b>Expected Behaviour</b>	<b>Actual Behaviour</b>	
The user selects a document object from the project tree.	The object is highlighted in the tree	As expected	
The user presses the "Insert Object" button.	The object is displayed in the document at the current position of the cursor.	As expected	
The user deletes the document object from	The object is not part of the document any more	As expected	
The user drags the object	The object is displayed in the document	As expected	

from the tree into the doc.	at the position where it was dragged.	
The user drags the same object again into the doc.	Nothing happens. The system detects that the document object is already in the document and does not insert it again.	As expected
The user positions the cursor in the displayed object.	The current cursor position is now somewhere in the displayed document object.	As expected
The user selects a different object in the project tree.	The object is highlighted in the tree.	As expected
The user presses the "Insert Object" button.	The selected object is displayed in the document right behind (not in) the document object where the cursor was positioned	As expected
The user deletes all objects from the document.	The document does not contain any document objects any more.	As expected
The user drags a chapter (f.e Requirements) from the tree into the document.	The chapter together with all document objects and subchapters is inserted into the document.	As expected
The user deletes all objects from the document.	The document does not contain any document objects any more	As expected
The user selects multiple objects in the tree by using the mouse and holding down the Ctrl-key.	All selected document objects are highlighted.	As expected
The selection is now dragged into the document.	All selected objects are inserted into the document.	As expected

<b>ID</b>	TCX 76	<b>Revision</b>	14
<b>Title</b>	Check for valid entries		
<b>Description</b>	When working with document objects in word documents, it should be checked that no invalid entries are allowed in the fields of a document object.		
<b>Configuration</b>	V1.7.0.36 Windows XP Word 2003		

<b>Pre Condition</b>	A file object with a word document exists and the word document is open.	
<b>Execution Date</b>	24.03.2011 14:22:09	
<b>Assigned User</b>	Kallis	
<b>Result</b>	Passed	
<b>Stimuli</b>	<b>Expected Behaviour</b>	<b>Actual Behaviour</b>
Insert a requirement into the document	The requirement is displayed	As expected
Change the priority to "abc"	The system notifies the user that this is an invalid entry and changes back the content of the field to its previous valid value.	As expected
Change the priority field to "2"	The system accepts the change	As expected
Insert a failuremode into the document	The Failuremode is inserted	As expected
Change the field "RPN"	The system notifies the user that this field cannot be changed and reverts the change.	As expected
Change the field "NRPN"	The system notifies the user that this field cannot be changed and reverts the change.	As expected
Change the field "NewSeverity"	The system notifies the user that this field cannot be changed and reverts the change.	As expected
Change the field "NewProbability"	The system notifies the user that this field cannot be changed and reverts the change.	As expected
Change the field "NewVisibilitiy"	The system notifies the user that this field cannot be changed and reverts the change.	As expected

## 6. Generate Trace Tables of any Sort, here one example

Traces from Requirements to Uses Cases and Test Cases:

Requirement	Use Case	Test Case
RQ 1	UC 4	TC 56
	UC 200	TC 231
RQ 2	UC 1	TC 91
	UC 2	TC 54
	UC 3	TC 55
	UC 4	TC 56
	UC 164	TC 182
	UC 165	TC 183
	UC 166	TC 185
RQ 3	UC 2	TC 54
RQ 4	UC 2	TC 54
RQ 5	UC 6	TC 62
	UC 7	TC 57
RQ 6	UC 9	TC 15
	UC 10	TC 16
	UC 11	TC 17
RQ 7	UC 9	TC 15
	UC 10	TC 16
	UC 11	TC 17
	UC 12	TC 18

## 7. Report your Complete Risk Management, the FMEA table

Failure Mode ID	Hazard ID	Failure Mode	Effect	Cause	Severity	Probability	Visibility	RPN	Mitigation	Mitigation ID	Severity	Probability	Visibility	NRPN
FM 1	HZ 2	Wheels not centered ok	instable drives	bad parts	8	5	5	200	Automatic part controller in the production	MI 47	8	3	5	120
FM 1		Wheels not centered ok							test drive before delivering	MI 48	8	2	5	80
FM 1	HZ 3	Wheels not centered ok	higher wear	bad assemblies	6	6	5	180	assembly help mock to adjust wheel	MI 1	6	2	5	60
FM 1	HZ 4	Wheels not centered ok	higher wear	bad parts	6	5	5	150	Automatic part controller in the production	MI 47	6	3	5	90
FM 1		Wheels not centered ok							test drive before delivering	MI 48	6	2	5	60

## 8. And the Risk Summary, here after reduction through Mitigations. Can also be based on a Query

### Risk Probability Summary reduced with Mitigations

For: **Failuremode**

Total: **73**

Acceptable: **48**

HZ 39 1, HZ 8 1, HZ 33 1, HZ 35 1, HZ 41 1, HZ 11 1, HZ 12 1, HZ 10 1, HZ 9 1, HZ 31 1, HZ 6 1, HZ 21 1, HZ 37 1, HZ 47 1, HZ 53 1, HZ 60 1, HZ 54 1, HZ 62 1, HZ 66 1, HZ 4 2, HZ 3 3, HZ 20 1, HZ 45 1, HZ 44 1, HZ 26 1, HZ 24 1, HZ 27 1, HZ 2 3, HZ 43 1, HZ 17 1, HZ 5 2, HZ 23 1, HZ 40 1, HZ 7 1, HZ 69 1, HZ 29 1, HZ 30 1, HZ 50 1, HZ 15 1, HZ 13 1, HZ 14 1, HZ 16 1, HZ 22 1, HZ 58 1, HZ 61 1, HZ 65 1, HZ 71 1, HZ 57 1

In Acceptable: **25**

HZ 18 1, HZ 49 1, HZ 19 1, HZ 42 1, HZ 28 1, HZ 32 1, HZ 38 1, HZ 55 1, HZ 73 1, HZ 72 1, HZ 59 2, HZ 63 1, HZ 67 1, HZ 70 1, HZ 74 1, HZ 56 1, HZ 64 1, HZ 68 1, HZ 34 1, HZ 36 1, HZ 25 1, HZ 52 1, HZ 51 1, HZ 48 1, HZ 46 1

Included Failure-modes:

FM 1 4, FM 10 3, FM 11 3, FM 12 3, FM 13 3, FM 14 4, FM 15 1, FM 16 1, FM 17 1, FM 18 1, FM 19 1, FM 2 3, FM 20 1, FM 21 1, FM 3 3, FM 4 3, FM 6 3, FM 7 3, FM 8 3, FM 9 3

Probability x Visibility \ Severity	1,1	2,2	3,3	4,4	5,5	6,6	7,7	8,8	9,9
9		HZ 31 1, HZ 6 1	HZ 5 2		HZ 32 1				
8		HZ 10 1, HZ 9 1	HZ 2 3, HZ 43 1, HZ 17 1	HZ 18 1		HZ 52 1, HZ 51 1			
7		HZ 35 1, HZ 41 1, HZ 11 1, HZ 12 1	HZ 45 1, HZ 44 1, HZ 26 1, HZ 24 1, HZ 27 1		HZ 42 1, HZ 28 1	HZ 36 1, HZ 25 1	HZ 46 1		
6		HZ 33 1	HZ 4 2, HZ 3 3, HZ 20 1		HZ 19 1	HZ 34 1			
5			HZ 54 1,	HZ 50 1,	HZ 49 1	HZ 56 1,			

			HZ 62 1, HZ 66 1	HZ 15 1, HZ 13 1, HZ 14 1, HZ 16 1		HZ 64 1, HZ 68 1			
4		HZ 8 1	HZ 60 1	HZ 7 1, HZ 69 1, HZ 29 1, HZ 30 1	HZ 58 1, HZ 61 1, HZ 65 1, HZ 71 1	HZ 59 2, HZ 63 1, HZ 67 1, HZ 70 1, HZ 74 1			
3	HZ 39 1		HZ 37 1, HZ 47 1, HZ 53 1	HZ 40 1		HZ 38 1, HZ 55 1, HZ 73 1, HZ 72 1	HZ 48 1		
2			HZ 21 1	HZ 23 1	HZ 22 1				
1						HZ 57 1			

## 9. Automatically Generate Reports of Reviews performed in Aligned Elements

**Id:** RV 1rev, 5

**Description:** abc

**Review** 20.04.2007 11:51:08

**Status:** Closed

**Label on close:** On Close Review RV 1:3 Review of requirements April 20

Participants	Role
Kallis	Recorder
Anders	Moderator
Eric	Reviewer

Target snapshots
Requirements For Review April 20
Created as part of Review RV 1
Snapshot for Licens Req

ID	Objects under review
RQ 1 1	User authentication
RQ 5 1	Create Project
RQ 23 1	Support multiple languages
RQ 25 1	Client/server system
RQ 34 1	Support document objects
RQ 51 1	Support document object reviews
RQ 55 2	Support project validation rules
RQ 57 1	Traces must be supported between document objects
RQ 59 1	It must be possible to group document objects within the document object type
RQ 60 1	Support top level documents
RQ 63 1	Must be possible to label document objects
RQ 68 1	Print document objects
RQ 79 2	Support a process workflow consistent with ANSI SW 68

RQ 84 1	Generate IVD essential requirements
RQ 90 1	The application must be possible to be extended with additional modules through an API.
RQ 100 1	Link/unlink projects
RQ 69 1	Print label contents

No.	Source(s)	Title and Description	H	M	L	Assigned User	Due Date	Status
1.		<b>Rename Chapter Office Integration to Word Integration</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
2.	RQ 11 2	<b>Rename 'Generate object types from the document.' to 'Generate document objects from the document.'</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
3.	RQ 32 1	<b>Add 'Must also apply on read only fields.'</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
4.	RQ 91 1	<b>Add new requirement 'Insert of old revisions of document objects.'</b> These are read only and will not be synchronized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
5.	RQ 3 1	<b>Move 'Description' to RQ 4. Change to User Groups</b> From 'The User management must support roles for: Read only, Modify requirements, Review Requirements, Execute Tests, Label Requirements, Make requirements obsolete. Accept/Reject Change Requests' to 'The User management must support roles for: Read, Modify, Create, Disable and Add Trace for Document Objects.'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
6.	RQ 4 1	<b>Move 'Description' to RQ 3. Change 'User Right' to 'User Operations'.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
7.	RQ 8 1 RQ 12 1	<b>Remove 'latest' in description.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed

No.	Source(s)	Title and Description	H	M	L	Assigned User	Due Date	Status
8.	RQ 26 1	Replace 'all' with 'document object and project data including audit trail of changes made to document objects, projects and users.'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
9.	RQ 28 1	Change 'The' to 'There'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
10.	RQ 29 1	Specify 'sessions' to 'user sessions'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
11.	RQ 31 1	Concurrent access to persistent data must be managed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
12.	RQ 33 1	Change 'The application can be web based' to 'The application can be accessed through the internet'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
13.		Change chapter 'Requirement Options' to 'Document Object Options'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
14.	RQ 34 1	Rework to fit todays actual state	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
15.	RQ 37 1	Change' All changes to document object attributes' to 'All changes of document object attribute values'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
16.	RQ 40 1	Add Executed Test Case	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
17.	RQ 41 1 RQ 42 1 RQ 43 1 † RQ 44 1 RQ 45 1 RQ 46 1 RQ 47 1 RQ 50 1	User wording 'additional default attributes are...' and describe the field in the Default templates	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed

No.	Source(s)	Title and Description	H	M	L	Assigned User	Due Date	Status
18.	RQ 48 1	Change 'Manually create issues' to 'There must be an issue management system. Adapt description.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
19.	RQ 51 1	Remove 'approve'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
20.	RQ 52 1	Spelling mistake: correct it.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
21.	RQ 60 1	Change 'top level' to 'project'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
22.		Change chapter name 'Labels' to 'Snapshot'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
23.	RQ 74 1 † RQ 75 1 † RQ 76 1 †	Disable. Is redundant.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
24.	RQ 78 1	Set to prio 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
25.	RQ 83 1	Remove 'as an example project in the application itself'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
26.	RQ 79 2	Check 'ANSI SW 68'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
27.	RQ 99 1	Add requirement 'Take project online/offline'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
28.	RQ 100 1	Add requirement 'Linked projects'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
29.	RQ 92 1	Add requirement 'Compare snapshots'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
30.	RQ 97 1	Add requirement 'Compare revision of document objects'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
31.	RQ 93 1	Add requirement 'Copy document objects'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed

No.	Source(s)	Title and Description	H	M	L	Assigned User	Due Date	Status
32.	RQ 98 1	Add requirement 'Generate document objects from parents'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
33.	RQ 95 1	Add requirement 'Order of document objects in groups: Order of groups'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kallis	20.04.2007	Closed
34.	RQ 101 1	Add requirement for Licensing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Kallis	24.04.2007	Closed

**10. Include Results from your Queries, here in a Table Displaying only the ID and Title**

<b>ID</b>	<b>Title</b>
TC 55 Rev. 1	Create and manage users
TC 56 Rev. 2	Logging in and changing password
TC 63 Rev. 5	Failuremodes Characteristics
TC 72 Rev. 4	Recording Changes in the Revision History in a Word Document
TC 73 Rev. 3	Document Versioning with the Revision History
TC 74 Rev. 9	Synchronize documents with the database
TC 75 Rev. 2	Insertion of document objects in Word documents
TC 76 Rev. 7	Check for valid entries
TC 77 Rev. 1	Insert non-current revisions of document objects in word documents
TC 78 Rev. 2	Traceability tables in word documents
TC 80 Rev. 1	Traceability tables with hyperlinks
TC 81 Rev. 2	Editing a document object with a table
TC 82 Rev. 5	Deleting tags of a document object in a word document
TC 85 Rev. 1	Launching Microsoft Word documents from within a file object
TC 93 Rev. 1	Generate object types from the document.
TC 97 Rev. 4	Traceability tables in word documents for Linked Projects
TC 106 Rev. 3	Create Project online
TC 108 Rev. 3	Working with the Detail View
TC 109 Rev. 2	Use Case Characteristics
TC 110 Rev. 2	Printing report - Issues
TC 111 Rev. 2	Launching Microsoft Word documents from within a file object
TC 112 Rev. 2	Insertion of document objects in Word documents
TC 113 Rev. 3	Synchronize documents with the database
TC 114 Rev. 2	Performing a review
TC 115 Rev. 2	Take project Offline - First time
TC 119 Rev. 3	Failuremodes Characteristics, Changing traces to mitigations
TC 126 Rev. 3	Copy Failuremode