

Use Case Model Generated from TaRGeT

February 2, 2010

Use cases

Use case UC-05

- **Name:** Creating a Project from Blank Work Area
- **Description:** Create a TaRGeT project.

Scenario UC-05-SC-1

Description: Create a new project.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Go to "File" option in the menu bar.	The TaRGeT is already started up. No project is opened.	The "New Project" option is enabled in the drop down menu. The Close Project option is disabled.
2M	Select the "New Project" option. [FR-TARGET-0020]	-	The "New Project" screen is displayed. The default project name is displayed in the "Project Name" field. The default project location is displayed in the "Destination Folder" field.
3M	Click on "Finish" button.	-	A progress bar is displayed. A new project work area is displayed. The project folder is created in the specified location. [FR-TARGET-0110, FR-TARGET-0010]

Scenario UC-05-SC-2

Description: Type a valid project name.

From steps: 2M

To steps: 3M

Id	User Action	Condition	System Response
1A	Type a valid project name.	-	The "Project Name" field is filled. [FR-TARGET-0025]

Scenario UC-05-SC-3

Description: Cancel the project creation.

From steps: 2M,1A,1C

To steps: END

Id	User Action	Condition	System Response
1B	Click on the "Cancel" button.	-	The tool goes back to the window it was before the project creation.

Scenario UC-05-SC-4

Description: Browse destination folder.
From steps: 2M,1A
To steps: 3M

Id	User Action	Condition	System Response
1C	Browse and select the location in which the project shall be created.	-	The "Destination Folder" field is filled.

Scenario UC-05-SC-5

Description: Create the project using shortcut.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1H	Press CTRL+N.	-	The "New Project" screen is displayed. The default project name is displayed in the "Project Name" field. The default project location is displayed in the "Destination Folder" field. [FR-TARGET-0020]
2H	Click on "Finish" button.	-	A progress bar is displayed. A new project work area is displayed. The project folder is created in the specified location. [FR-TARGET-0110, FR-TARGET-0010]

Scenario UC-05-SC-6

Description: Type an invalid project name.
From steps: 2M
To steps: END

Id	User Action	Condition	System Response
1D	Type an invalid project name (e.g. with one of the following characters " ; ? *).	-	A message is displayed indicating that some characters are not allowed. The "Finish" button is disabled. [FR-TARGET-0025]

Scenario UC-05-SC-7

Description: No project name is typed.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1E	Type a blank project name. [FR-TARGET-0025]	-	A message is displayed indicating that a name must be specified. The "Finish" button is disabled.

Scenario UC-05-SC-8

Description: Project directory already exists.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1F	Type a valid project name. [FR-TARGET-0025]	-	The "Project Name" field is filled.
2F	Browse and select the location in which there is a directory with the same name of the project.	-	The "Destination Folder" field is filled.
3F	Click on "Finish" button.	-	A dialog is displayed indicating that the project folder already exists. The dialog asks if the user you want to proceed and erase all content of the folder. [FR-TARGET-0020]
4F	Click on "Yes" button.	-	All the folder contents is deleted and the new project is created.

Scenario UC-05-SC-9**Description:** Do not delete all folder contents.**From steps:** 3F**To steps:** END

Id	User Action	Condition	System Response
1G	Click on "No" button.	-	The focus goes back to the "New Project" window.

Use case UC-20

- **Name:** Opening an Existing Project from Blank Work Area
- **Description:** Open an existing project.

Scenario UC-20-SC-1**Description:** Open an existing project.**From steps:** START**To steps:** END

Id	User Action	Condition	System Response
1M	Go to "File" option in the menu bar.	TaRGeT is already started up. No project is opened.	The "Open Project" option is enabled.
2M	Select the "Open Project" option. [FR-TARGET-0040]	-	The "Open Project" window is displayed. No project is selected. The "Finish" button is disabled.
3M	Browse and select an existing project.	-	The "Project Name" field is now filled. The "Finish" button is enabled.
4M	Click on "Finish" button.	-	A progress bar is displayed indicating that the selected existing project is being opened. After, the existing project is opened. The project work area is displayed. [FR-TARGET-0110]

Scenario UC-20-SC-2

Description: Cancel the project opening.
From steps: 2M,3M
To steps: END

Id	User Action	Condition	System Response
1A	Click on "Cancel" button.	-	The tool goes to the blank work area. No project is opened. [FR-TARGET-0225]

Scenario UC-20-SC-3

Description: Open using shortcut.
From steps: START
To steps: 3M

Id	User Action	Condition	System Response
1B	Press CTRL+O.	-	The "Open Project" window is displayed. No project is selected. The "Finish" button is disabled. [FR-TARGET-0040]

Use case UC-25

- **Name:** Opening an Existing Project from an Already Opened Project
- **Description:** A project is already opened.

Scenario UC-25-SC-1

Description: Open an existing project from an already opened project.
From steps: START
To steps: UC-20-3M

Id	User Action	Condition	System Response
1M	Go to "File" option in the menu bar.	TaRGeT is already started up. A project is already opened.	The "Open Project" option is enabled.
2M	Select the "Open Project" option. [FR-TARGET-0040]	-	A dialog box is displayed informing that the current project will be closed in order to open another one.
3M	Click on "Yes" button.	-	The "Open Project" screen is displayed.

Scenario UC-25-SC-2

Description: Cancel the project opening.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1A	Click on "No" button.	-	The dialog box is closed and the current project work area is displayed.

Use case UC-26

- **Name:** Refreshing a Project
- **Description:** Refresh a project.

Scenario UC-26-SC-1

Description: Refresh a project.

From steps: START

To steps: UC-90-1M

Id	User Action	Condition	System Response
1M	Go to "Project" option in the menu bar.	-	A menu with two options shall appear: "Refresh Automatically" and "Refresh Project". "Refresh Automatically" option is checked. [FR-TARGET-0015]

Scenario UC-26-SC-2

Description: "Refresh automatically" option disabled.

From steps: 1M

To steps: END

Id	User Action	Condition	System Response
1A	Click in "Refresh Automatically" option.	TaRGeT is already started up. A project is already opened.	"Refresh Automatically" option is not checked.
2A	Open an already imported Use Case Document with the Microsoft Word (outside the TaR-GeT).	There is at least one imported Use Case Document. [FR-TARGET-0100]	The document is opened in the default viewer outside the TaRGeT.
3A	Modify any field in Use Case Document and save the document.	-	The document is modified.
4A	Go back to TaRGeT work area.	-	The project is not refreshed.
5A	Go to "Project" in the menu bar and select "Refresh project" option.	-	A progress bar is displayed while the project is being refreshed. [FR-TARGET-0110, FR-TARGET-0015]

Scenario UC-26-SC-3

Description: "Refresh automatically" option enabled.

From steps: 1M

To steps: END

Id	User Action	Condition	System Response
1B	Go to "Project" in the menu bar and select "Refresh project" option.	-	The project is refreshed. [FR-TARGET-0015]

Scenario UC-26-SC-4

Description: Using the Refresh shortcut.

From steps: 3A

To steps: END

Id	User Action	Condition	System Response
1C	Press CTRL+R.	-	A progress bar is displayed while the project is being refreshed. [FR-TARGET-0110, FR-TARGET-0015]

Use case UC-30

- **Name:** Importing Valid Use Case Documents
- **Description:** Import Use Case Documents.

Scenario UC-30-SC-1

Description: Import Use Case Documents.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Go to "Artifacts" option in the menu bar.	TaRGeT is started up. A project is already opened.	The "Import Use Case Documents" option is enabled.
2M	Select "Import Use Case Documents" option. [FR-TARGET-0100]	-	The "Import Documents" window is displayed. The "Finish" button is disabled.
3M	Select "Add Document" button and browse a valid Use Case Document.	No document is imported.	The selected document path is inserted in the "Documents To Import" list. The "Finish" button is enabled. @addDocument
ADV01-1-1	Select the file type of the use case document.	-	Only files in the format of the selected file type are displayed.
4M	Click on "Finish" button.	-	A progress bar is displayed indicating that the document(s) is (are) being processed and imported.[FR-TARGET-0110]
5M	Wait the progress bar.	-	The imported document(s) is (are) placed in a specific folder and displayed in the "Artifacts" View. The imported use cases are displayed in the "Use Cases" View. @end-OfImportDocument [FR-TARGET-0010, FR-TARGET-0015]
ADV01-2-1	-	-	The use case documents that were in MS Word format were transformed into XML files.

Scenario UC-30-SC-2

Description: Import another document.
From steps: 3M
To steps: 4M

Id	User Action	Condition	System Response
1A	Select "Add Document" button and browse another valid Use Case Document. The document must not have duplicated feature ids, when compared with the already browsed document.	Another document has to be inserted on the "Documents To Import" list.	The selected document path is inserted in the "Documents To Import" list.

Scenario UC-30-SC-3

Description: Cancel the importing.
From steps: 2M,3M
To steps: END

Id	User Action	Condition	System Response
1B	Click on "Cancel" button.	-	The focus goes back to the project work area.

Scenario UC-30-SC-4

Description: Import through shortcut.
From steps: START
To steps: 3M

Id	User Action	Condition	System Response
1C	Press CTRL+I.	-	The "Import Documents" window is displayed. The "Finish" button is disabled.

Use case UC-35

- **Name:** Importing a Use Case Document With Duplicated Feature ID
- **Description:** Use Case Document has duplicated feature ID.

Scenario UC-35-SC-1

Description: Imported Use Case Document has duplicated feature ID.
From steps: UC-30-2M
To steps: END

Id	User Action	Condition	System Response
1M	Select "Add Document" button and browse a Use Case Document with duplicated feature ID. This means that the document contains at least two features with the same ID.	There is no imported document.	The selected document path is inserted in the "Documents To Import" list. The "Finish" button is enabled.
2M	Click on "Finish" button.	-	A progress bar is displayed indicating that the document is being processed. [FR-TARGET-0110]
3M	Wait the progress bar.	-	An error dialog is displayed indicating that the document that has duplicated feature id [FR-TARGET-0125]
4M	Click on "OK" button.	-	The selected document(s) will not be imported. The focus goes back to "Import Documents" window.

Use case UC-40

- **Name:** Importing a Use Case Document With Duplicated Use Case ID
- **Description:** Use Case Document has duplicated use case ID.

Scenario UC-40-SC-1

Description: Imported Use Case Document has duplicated use case ID.
From steps: UC-30-2M
To steps: END

Id	User Action	Condition	System Response
1M	Select "Add Document" button and browse a Use Case Document with duplicated use case ID. This means that the document contains a feature that has at least two use cases with the same ID.	No document is imported.	The selected document path is inserted in the "Documents To Import" list. The "Finish" button is enabled.
2M	Click on "Finish" button.	-	A progress bar is displayed indicating that the document is being processed. [FR-TARGET-0110]
3M	Wait the progress bar.	-	An error dialog is displayed indicating the document that has duplicated use case ID. [FR-TARGET-0125]
4M	Click on "OK" button.	-	The selected document(s) will not be imported. The focus goes back to "Import Documents" window.

Use case UC-45

- **Name:** Importing a Use Case Document With Invalid Structure
- **Description:** Use Case Document has invalid structure.

Scenario UC-45-SC-1

Description: Imported Use Case Document has an invalid structure.
From steps: UC-30-2M
To steps: END

Id	User Action	Condition	System Response
1M	Select "Add Document" button and browse a Use Case Document with invalid structure.	No document is imported.	The selected document path is inserted in the "Documents To Import" list. The "Finish" button is enabled.
2M	Click on "Finish" button.	-	A progress bar is displayed indicating that the document is being processed. [FR-TARGET-0110]
3M	Wait the progress bar.	-	An error dialog is displayed indicating the document that has an error. [FR-TARGET-0125]
4M	Click on "OK" button.	-	The selected document(s) will not be imported. The focus goes back to "Import Documents" window.

Scenario UC-45-SC-2

Description: Import another document.

From steps: 1M

To steps: 2M

Id	User Action	Condition	System Response
1A	Click on "Add Document" button and browse another valid Use Case Document.	Another document has to be imported.	The selected document path is inserted in the "Documents To Import" list.

Scenario UC-45-SC-3

Description: Cancel the importing.

From steps: 4M

To steps: END

Id	User Action	Condition	System Response
1B	Click on "Cancel" button.	-	The focus goes back to the project work area.

Use case UC-50

- **Name:** Importing a Use Case Document with an Empty Mandatory

Field

- **Description:** Use Case Document has an empty mandatory field.

Scenario UC-50-SC-1

Description: Selected Use Case Document has an empty mandatory field.

From steps: UC-30-2M

To steps: END

Id	User Action	Condition	System Response
1M	Select "Add Document" button and browse a Use Case Document with an empty mandatory field.	No document is imported.	The selected document path is inserted in the "Documents To Import" list. The "Finish" button is enabled.
2M	Click on "Finish" button.	-	An error dialog is displayed indicating that the document has an error in the xml structure. [FR-TARGET-0125]
3M	Click on "OK" button.	-	The selected document(s) will not be imported. The focus goes back to "Import Documents" window.

Use case UC-55

- **Name:** Importing a Use Case Document With Invalid Step ID References
- **Description:** Use Case Document has invalid id references.

Scenario UC-55-SC-1

Description: The selected Use Case Document contains invalid id references.

From steps: UC-30-2M

To steps: END

Id	User Action	Condition	System Response
1M	Select "Add Document" button and browse a Use Case Document with invalid ID references.	No document is imported.	The selected document path is inserted in the "Documents To Import" list. The "Finish" button is enabled.
2M	Click on "Finish" button.	-	A progress bar is displayed indicating that the document is being processed. [FR-TARGET-0110]
3M	Wait the progress bar.	-	A warning message is displayed indicating that the document contains errors.
4M	Click on "OK" button.	-	The imported document is placed in the documents folder and is displayed in the "Artifacts" View. The imported use cases are displayed in the "Use Cases" View. A special icon indicates the use cases with invalid references. Also the error view displays details about invalid id references and/or duplicated ids. [FR-TARGET-0010, FR-TARGET-0120]

Scenario UC-55-SC-2

Description: Import another valid document.

From steps: 1M

To steps: 2M

Id	User Action	Condition	System Response
1A	Select "Add Document" button and browse another valid Use Case Document.	Another document has to be imported.	The selected document path is inserted in the "Documents To Import" list.

Use case UC-63

- **Name:** Importing a Use Case Document with a Feature Already Imported.
- **Description:** The documents have at least one feature with same name and ID. Another Use Case Document is already imported.

Scenario UC-63-SC-1

Description: A Use Case Document is already imported. The Use Case Documents have at least one common feature with same ID and name.

From steps: UC-30-2M

To steps: END

Id	User Action	Condition	System Response
1M	Select "Add Document" button and browse a valid Use Case Document. The document and the already imported document have at least one common feature with same ID and name and the use cases IDs are different.	There is at least one valid document imported in the project.	The "Import Documents" window is displayed. The "Finish" button is enabled.
2M	Click on "Finish" button.	-	A progress bar is displayed indicating that the document(s) is (are) being processed and imported. [FR-TARGET-0110]
3M	Wait the progress bar.	-	The imported document is placed in a specific folder and displayed in the "Artifacts" view. The imported use cases are displayed in the "Use Cases" view. The feature icon in the "Use Cases" view shows that the feature was merged. [FR-TARGET-0010, FR-TARGET-0100]

Scenario UC-63-SC-2

Description: A Use Case Document is already imported. The Use Case Documents have at least one common feature with same ID and different names.

From steps: UC-30-2M

To steps: END

Id	User Action	Condition	System Response
1A	Select "Add Document" button and browse a valid Use Case Document. The document and the already imported document have at least one common feature with same ID but different names and the use cases IDs are different.	There is at least one valid document imported in the project.	The "Import Documents" window is displayed. The "Finish" button is enabled.
2A	Click on "Finish" button.	-	A progress bar is displayed indicating that the document(s) is (are) being processed and imported. [FR-TARGET-0110]
3A	Wait the progress bar.	-	The imported document is placed in a specific folder and displayed in the "Artifacts" View. The imported use cases are displayed in the "Use Cases" View. The feature icon in the "Use Cases" view shows that the feature was merged. A new warning is displayed in the "Error" view indicating that the features have same ID but different names. [FR-TARGET-0010, FR-TARGET-0100, FR-TARGET-0120]

Scenario UC-63-SC-3

Description: The document contains a feature with same ID of another feature that belongs to a previously imported document.
From steps: UC-30-2M
To steps: END

Id	User Action	Condition	System Response
1B	Select "Add Document" button and browse a valid Use Case Document. The document and the already imported document have at least one common feature with same ID. The features have at least one use case with same ID.	There is at least one valid imported document.	The selected document path is inserted in the "Documents To Import" list.
2B	Click on "Finish" button.	-	A progress bar is displayed indicating that the document is being processed. [FR-TARGET-0110]
3B	Wait the progress bar.	-	An error dialog is displayed indicating the document that has an error. [FR-TARGET-0125]
4B	Click on "OK" button.	-	The selected document(s) will not be imported. The focus goes back to "Import Documents" window.

Use case UC-70

- **Name:** Viewing Valid Use Case in HTML Format
- **Description:** Viewing Use Case Documents in HTML format.

Scenario UC-70-SC-1

Description: View valid Use Case Documents in HTML format in the main panel, by double-clicking the use case.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Double-click on a use case in the "Use Cases" view.	A project is opened in TaRGeT. The project has at least one imported valid Use Case Document.	The selected Use Case is displayed in HTML format in the main panel. [FR-TARGET-0130]

Scenario UC-70-SC-2

Description: View Use Case Documents in HTML format in the main panel, by right-clicking the use case.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1A	Right-click on a use case in the "Use Cases" view.	A project is opened in TaRGeT. The project has at least one imported valid Use Case Document.	A drop down menu is displayed with two options.
2A	Select "Open in default view" option.	-	The selected Use Case is displayed in HTML format in the main panel. [FR-TARGET-0130]

Scenario UC-70-SC-3

Description: View Use Case Documents in HTML format in the default browser, by right-clicking the use case.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1B	Right-click on a use case in the "Use Cases" view.	A project is opened in TaRGeT. The project has at least one imported valid Use Case Document.	A drop down menu is displayed with two options.
2B	Select "Open with default browser" option.	-	The selected Use Case is displayed in HTML format in the default browser. [FR-TARGET-0130]

Use case UC-71

- **Name:** Viewing Invalid Use Case in HTML Format

- **Description:** Viewing Use Case Documents in HTML format when they have some error.

Scenario UC-71-SC-1

Description: View Use Case Documents with duplicated step ID in HTML format in the main panel, by double-clicking the use case.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Double-click on a use case with duplicated step ID in the "Use Cases" view.	A project is opened in TaRGeT. The project has at least one imported use case with duplicated step ID.	The selected Use Case is displayed in HTML format in the main panel. The duplicated steps IDs are highlighted. [FR-TARGET-0130]

Scenario UC-71-SC-2

Description: View Use Case Documents with invalid step ID reference in HTML format in the main panel, by right-clicking the use case.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1A	Right-click on a use case with invalid step ID reference in the "Use Cases" view.	A project is opened in TaRGeT. The project has at least one imported use case with invalid step ID reference.	A drop down menu is displayed with two options.
2A	Select "Open in default view" option.	-	The selected Use Case is displayed in HTML format in the main panel. The invalid step ID reference is highlighted. [FR-TARGET-0130]

Scenario UC-71-SC-3

Description: View Use Case Documents with invalid step ID reference in HTML format in the default browser, by right-clicking the use case.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1B	Right-click on a use case with invalid step ID reference in the "Use Cases" view.	A project is opened in TaRGeT. The project has at least one imported use case with invalid step ID reference.	A drop down menu is displayed with two options.
2B	Select "Open with default browser" option.	-	The selected Use Case is displayed in HTML format in the default browser. The invalid step ID reference is highlighted. [FR-TARGET-0130]

Use case UC-80

- **Name:** Renaming a Document
- **Description:** Renaming Use Case or Test Suite Documents in TaR-GeT.

Scenario UC-80-SC-1

Description: Rename a test suite document.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Right-click on a generated test suite document in the "Artifacts" view.	A project is opened in TaRGeT. The project has at least one already generated test suite.	A drop down menu is displayed.
2M	Click on "Rename" option in the drop down menu. [FR-TARGET-0001]	-	A dialog is popped up with a text field.
3M	Change the document name to a valid name and click on "OK" button. [FR-TARGET-0025]	-	The document is renamed.

Scenario UC-80-SC-2

Description: Rename a Use Case Document.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1A	Right-click on a Use Case Document in the "Artifacts" view.	A project is opened in TaRGeT. The project has at least one imported Use Case Document.	A drop down menu is displayed.
2A	Click on "Rename" option in the drop down menu. [FR-TARGET-0001]	-	A dialog is popped up with a text field.
3A	Change the document name to a valid name and click on "OK" button. [FR-TARGET-0025]	-	The document is renamed.

Scenario UC-80-SC-3

Description: Select to rename more than one document.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1B	In the "Artifacts" view, Select more than one document and right-click on the selection. [FR-TARGET-0001]	A project is opened in TaRGeT. The project has at least two documents (test suite or Use Case Documents).	A drop down menu is displayed. The "Rename" option is disabled.

Scenario UC-80-SC-4

Description: Type an invalid document name.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1C	Try to change the document name to an invalid name (e.g. a name containing "i" or "*" characters). [FR-TARGET-0025]	-	A message is displayed indicating that the name is invalid. The "OK" button is disabled.
2C	Click on "Cancel" button.	-	The focus goes back to the main window.

Scenario UC-80-SC-5

Description: Type an invalid document name and retype a valid name.
From steps: 2M
To steps: END

Id	User Action	Condition	System Response
1D	Try to change the document name to an invalid name (e.g. a name containing "i" or "*" characters). [FR-TARGET-0025]	-	A message is displayed indicating that the name is invalid. The "OK" button is disabled.
2D	Erase the invalid name and type a valid name.	-	The OK button is enabled.
3D	Click on the OK button	-	The document is renamed.

Scenario UC-80-SC-6

Description: Cancel the rename.
From steps: 2D
To steps: END

Id	User Action	Condition	System Response
1E	Click on "Cancel" button.	-	The focus goes back to the main window.

Scenario UC-80-SC-7

Description: Type a document name that is being used by another use case document.
From steps: START
To steps: 2C,2D

Id	User Action	Condition	System Response
1F	Right-click on a Use Case Document in the "Artifacts" view.	A project is opened in TaRGeT. The project has at least two use cases.	A drop down menu is displayed. The "Rename" option is enabled.
2F	Click on "Rename" option in the drop down menu. [FR-TARGET-0001]	-	A dialog is popped up with a text field.
3F	Type a name that is already in use.	-	A message is displayed indicating that the name is already in use. The "OK" button is disabled.

Scenario UC-80-SC-8

Description: Type a test suite file name that is being used by another test suite file.

From steps: START

To steps: 2F

Id	User Action	Condition	System Response
1G	Right-click on a test case document in the "Artifacts" view.	A project is opened in TaRGeT. The project has at least two test suites.	A drop down menu is displayed. The "Rename" option is enabled.

Scenario UC-80-SC-9

Description: Type an empty name.

From steps: 2M

To steps: 2C

Id	User Action	Condition	System Response
1H	Type an empty name. [FR-TARGET-0025]	-	A message is displayed indicating that the name must not be empty. The "OK" button is disabled.

Use case UC-85

- **Name:** Deleting a Document
- **Description:** Deleting Use Cases or Test Suite Documents in TaR-GeT.

Scenario UC-85-SC-1**Description:** Delete a test suite document.**From steps:** START**To steps:** END

Id	User Action	Condition	System Response
1M	Right-click on a generated test suite document in the "Artifacts" view.	A project is opened in TaRGeT. The project has at least one already generated test suite.	A drop down menu is displayed.
2M	Click on "Delete" option in the drop down menu. [FR-TARGET-0003]	-	A dialog is displayed asking a confirmation.
3M	Click on "Yes" button.	-	The document(s) is (are) deleted. The project work area is refreshed. [FR-TARGET-0015]

Scenario UC-85-SC-2**Description:** Delete a Use Case Document that is not referred by another document.**From steps:** START**To steps:** END

Id	User Action	Condition	System Response
1B	Right-click on a Use Case Document in the "Artifacts" view.	A project is opened in TaRGeT. The project has at least one imported Use Case Document. The imported documents do not refer to a use case of another imported document.	A drop down menu is displayed.
2B	Click on "Delete" option in the drop down menu. [FR-TARGET-0003]	-	A dialog is displayed asking a confirmation.
3B	Click on "Yes" button.	-	The document(s) is(are) deleted. The project work area is refreshed. [FR-TARGET-0015]

Scenario UC-85-SC-3

Description: Delete a Use Case Document that is referred by another document.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1C	Right-click on a Use Case Document in the "Artifacts" view. The selected document is referred by a use case of another imported document.	A project is opened in TaRGeT. The project has at least two imported Use Case Documents. A use case is referred by another use case from a different document.	A drop down menu is displayed.
2C	Click on "Delete" option in the drop down menu. [FR-TARGET-0003]	-	A dialog is displayed asking a confirmation and informing that the document is being referred by another document.
3C	Click on "Yes" button.	-	The document(s) is(are) deleted. The project work area is refreshed. Some invalid reference errors are displayed in "Error" view. [FR-TARGET-0015, FR-TARGET-0120]

Scenario UC-85-SC-4

Description: Delete more than one generated test suite.

From steps: START

To steps: 2M

Id	User Action	Condition	System Response
1D	In the "Artifacts" view, Select more than one test suite document and right-click on the selection.	A project is opened in TaRGeT. The project has at least two generated test suites.	A drop down menu is displayed.

Scenario UC-85-SC-5

Description: Delete one test suite and one Use Case Document that is being referenced.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1E	In the "Artifacts" view, Select one test suite document and a Use Case Document, and right-click on the selection.	A project is opened in TaRGeT. The project has at least two imported Use Case Document and at least one generated test suite. The imported Use Case Document is referenced by another imported document.	A drop down menu is displayed.
2E	Click on "Delete" option in the drop down menu. [FR-TARGET-0003]	-	A dialog is displayed asking a confirmation and informing that the document is being referred by another document.
3E	Click on "Yes" button.	-	The document(s) is(are) deleted. The project work area is refreshed. Some invalid reference errors are displayed in "Error" view. [FR-TARGET-0015, FR-TARGET-0120]

Scenario UC-85-SC-6

Description: Delete two Use Case Documents.

From steps: START

To steps: 2C

Id	User Action	Condition	System Response
1F	In the "Artifacts" view, Select one test suite two Use Case Documents, and right-click on the selection. One of the selected documents refers to the other.	A project is opened in TaRGeT. The project has two imported Use Case Document. One imported Use Case Document is referenced by the other.	A drop down menu is displayed.

Scenario UC-85-SC-7

Description: Cancel the document deletion.
From steps: 2M,2C
To steps: END

Id	User Action	Condition	System Response
1A	Click on "No" button.	-	The document(s) is (are) not deleted.

Use case UC-106

- **Name:** Searching in Use Case Document
- **Description:** Searching in Use Case Document.

Scenario UC-106-SC-1

Description: Perform a search when some valid Use Case Documents are already imported.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Choose "Tools" option in the menu bar.	TaRGeT is started up. A project is already opened. There is at least one document imported. No error is listed in the "Error" list.	A drop down menu is displayed. "Search" option is available.
2M	Choose "Search" option in the drop down menu.	-	"Search" window is displayed. [FR-TARGET-0135]
3M	Type a query in the input area.	-	The "Find" field is filled.
4M	Click on "Search" button.	-	The search results are displayed in "Search Results" View. Verify if the results are in accordance to the query.

Scenario UC-106-SC-2

Description: Cancel the search.
From steps: 3M
To steps: END

Id	User Action	Condition	System Response
1A	Click on "Cancel" button.	-	The focus goes back to the work area.

Scenario UC-106-SC-3

Description: Using the specific field "Use Case Identifier".

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1B	"Type a query for searching based on use case Id, i.e. "ucid: use-case-id;". A use case with id use-case-id; must be contained in the project.	-	The "Find" field is filled.
2B	Click on "Search" button.	-	At least one use case is displayed in "Search Results" View. [FR-TARGET-0135]

Scenario UC-106-SC-4

Description: Using the specific field "From Step".

From steps: 2M

To steps: 4M

Id	User Action	Condition	System Response
1C	Type "from step: START" in the input area.	-	The "Find" field is filled.

Scenario UC-106-SC-5

Description: Using shortcut.

From steps: START

To steps: 3M

Id	User Action	Condition	System Response
1D	Press CTRL+F	-	"Search" window is displayed. [FR-TARGET-0135]

Use case UC-107

- **Name:** Viewing Search Results
- **Description:** Viewing search results.

Scenario UC-107-SC-1

Description: View found Use Case Documents in HTML format by double-clicking the use case.
From steps: UC-106-4M
To steps: END

Id	User Action	Condition	System Response
1M	Double-click on a use case in the "Search Results" view.	-	The selected Use Case is displayed in HTML format in the main panel. The search results are highlighted. [FR-TARGET-0130]

Use case UC-135

- **Name:** Viewing the About Window
- **Description:** Displaying the About Window.

Scenario UC-135-SC-1

Description: Access the about window.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Choose "Help" option in the menu bar.	The TaRGeT is already started up.	A drop down menu is displayed. [FR-TARGET-0205]
2M	Choose "About TaR-GeT" option in the drop down menu.	-	"About" window is displayed. The content of the windows is detailed in TaRGeT requirements document. [FR-TARGET-0210]

Use case UC-140

- **Name:** Viewing the Help Window
- **Description:** Displaying the Help Window.

Scenario UC-140-SC-1

Description: Access the help window.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Choose "Help" option in the menu bar.	The TaRGeT is already started up.	A drop down menu is displayed.
2M	Choose "Help Contents" option in the drop down menu.	-	"Help" window is displayed. [FR-TARGET-0205]

Use case UC-01

- **Name:** Opening TaRGeT
- **Description:** It describes how the TaRGeT should behave when it is started up.

Scenario UC-01-SC-3

Description: Start up the TaRGeT when Java runtime environment is not installed in the machine.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1B	Try to start the TaR-GeT.	The Java runtime environment is not installed in the machine (see requirements for further information about Java version). [ER-TARGET-0020]	A message is displayed informing that no JRE is installed. The TaR-GeT is not started up. [FR-TARGET-0230]

Scenario UC-01-SC-1

Description: Start up the TaRGeT with .NET and Java runtime environment installed.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Start the TaRGeT.	The .NET and Java runtime environment are installed in the machine (see requirements for further information about Java and .NET versions) [ER-TARGET-0020, ER-TARGET-0025]	A splash screen is displayed. Verify the requirements document to check the splash screen. [FR-TARGET-0220]
2M	Wait some seconds.	-	The TaRGeT is started. No TaRGeT project is opened. A background image is displayed (see requirements document for more details). [FR-TARGET-0225]

Scenario UC-01-SC-2

Description: Start up the TaRGeT when .NET runtime environment is not installed in the machine.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1A	Try to start the TaRGeT.	Java runtime environment is installed in the machine. The .NET runtime environment is not installed in the machine (see requirements for further information about Java and .NET versions). [ER-TARGET-0020, ER-TARGET-0025]	A message is displayed informing that an error has occurred and asking the user to see the log file. [FR-TARGET-0230]

Use case UC-130

- **Name:** Generating Test Suites Changing Test Case Field Parameters
- **Description:** Configuring test case fields.

Scenario UC-130-SC-1

Description: Configuring test cases parameters.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Go to "Tools" in the menu bar.	There is an already created project with at least one imported use case without errors. [FR-TARGET-0100]	A drop down menu is displayed with "Search", "Preferences" and "On The Fly Generation" options. The "Preferences" option is available.
2M	Select "Preferences" option.	-	The Preferences wizard is displayed with "Test Case ID", "Test Case Initial ID", "Empty Field", "Objective Prefix", "Print Use Case Description", "Print Flow Description" and "Keep Requirements" fields.

Scenario UC-130-SC-2

Description: Cancel the preferences.
From steps: 2B,2C,2D,2E,2F,2G,2H,2I,2J,2K
To steps: END

Id	User Action	Condition	System Response
1A	Press "Cancel" button.	-	The field was not changed, the preferences screen is closed and the focus goes back to the main window. [FR-TARGET-0231]

Scenario UC-130-SC-3

Description: Changing "Objective Prefix" field.
From steps: 2M
To steps: END

Id	User Action	Condition	System Response
1B	Type a wanted prefix in the "Objective prefix" field and press OK button.	The "Print Flow Description" field in the Preferences window cannot be "None"	The preferences configuration is changed. [FR-TARGET-0231]
2B	Go to "On The Fly Generation" and select each test case from the list.	-	All test cases contain their objective field with the prefix defined by the user. [FR-TARGET-0235, FR-TARGET-0237]

Scenario UC-130-SC-4

Description: Changing "Empty Field" parameter.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1C	Type a wanted content in the "Empty Field" field and press OK button.	The "Print Flow Description" and "Print Use case description" fields is configured to "None"	The preferences configuration is changed. [FR-TARGET-0231]
2C	Go to "On The Fly Generation" and select each test case from the list.	-	In all test cases, the fields that are empty in the Use Case Document are filled with this content defined by the user. [FR-TARGET-0235, FR-TARGET-0237]

Scenario UC-130-SC-5

Description: Changing "Test Case Id" parameter to a fixed value.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1D	Type "¡tc-featureid¡-TESTE-¡tc-id¡" in the "Test Case Id" field and press OK button.	-	The preferences configuration is changed. [FR-TARGET-0231]
2D	Go to "On The Fly Generation" and select each test case from the list.	-	All Test Case Id fields are filled according the standard defined by the user. [FR-TARGET-0235, FR-TARGET-0237]

Scenario UC-130-SC-7

Description: Changing "Print Use Case Description" parameter to "All".

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1F	Choose the "ALL" option in the "Print Use Case Description" field and press OK button.	-	The preferences configuration is changed. [FR-TARGET-0232]
2F	Go to "On The Fly Generation" and select each test case from the list.	-	All descriptions of all Use cases related to the test case are concatenated in the Case Description field for each test case. [FR-TARGET-0235, FR-TARGET-0237]

Scenario UC-130-SC-8

Description: Changing "Print Use Case Description" parameter to "Last".

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1G	Choose the "Last" option in the "Print Use Case Description" field and press OK button.	-	The preferences configuration is changed. [FR-TARGET-0232]
2G	Go to "On The Fly Generation" and select each test case from the list.	-	Just the description of last Use case related to each test case is shown in the Case Description field. [FR-TARGET-0235, ,FR-TARGET-0237]

Scenario UC-130-SC-10

Description: Changing "Print Flow Description" parameter to "All".

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1I	Choose the "ALL" option in the "Print Flow Description" field and press OK button.	-	The preferences configuration is changed. [FR-TARGET-0232]
2I	Go to "On The Fly Generation" and select each test case from the list.	-	All descriptions of all Flows related to each test case are concatenated after "Objective Prefix" in the respective field. [FR-TARGET-0235, ,FR-TARGET-0237]

Scenario UC-130-SC-11

Description: Changing "Print Flow Description" parameter to "Last".

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1J	Choose the "Last" option in the "Print Flow Description" field and press OK button.	-	The preferences configuration is changed. [FR-TARGET-0232]
2J	Go to "On The Fly Generation" and select each test case from the list.	-	Just description of last Flow related to each test case is shown after "Objective Prefix" in the respective field. [FR-TARGET-0235, ,FR-TARGET-0237]

Scenario UC-130-SC-12

Description: Changing "Print Flow Description" parameter to "None".

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1K	Choose the "None" option in the "Print Flow Description" field and press OK button.	-	The preferences configuration is changed. [FR-TARGET-0232]
2K	Go to "On The Fly Generation" and select each test case from the list.	-	The Flow Description field does not contain any description and it is filled with "Empty Field" suggested in Preferences window. [FR-TARGET-0235, ,FR-TARGET-0237, FR-TARGET-231]

Scenario UC-130-SC-13

Description: Check "Keep Requirements" parameter.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1L	Check the "Keep Requirement" option and press OK button.	-	The preferences configuration is changed.[FR-TARGET-0233]
2L	Go to "On The Fly Generation" and select each test case from the list.	-	The requirements are shown into each step that is associated, besides to be shown at Requirements list. [FR-TARGET-0160, FR-TARGET-0170, ,FR-TARGET-0175]

Use case UC-90

- **Name:** Updating the Use Case Documents outside the TaRGeT UI
- **Description:** Updating Use Case Documents outside TaRGeT UI.

Scenario UC-90-SC-1

Description: Edit a Use Case Document with duplicated step ID outside TaRGeT UI.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Open an already imported Use Case Document with the (MS Word, XML) external editor. The document has a duplicated step ID. [FR-TARGET-0005]	TaRGeT is started up and a project is opened. There is at least one imported Use Case Document with duplicated step ID in the project.	The document is opened in the default viewer outside the TaRGeT.
2M	Edit the duplicated ID, save the document and close it.	-	The document is fixed.
3M	Go back to the TaRGeT window.	-	A progress bar is displayed while the project is being refreshed. [FR-TARGET-0110, FR-TARGET-0015]
4M	Wait the progress bar.	-	The fixed duplicated ID error is removed from the "Error" view.

Use case UC-95

- **Name:** Rejecting a crashed Use Case Documents
- **Description:** Rejecting crashed Use Case Documents.

Scenario UC-95-SC-1

Description: Damage an imported Use Case Document.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Double-click on a Use Case Document in the "Artifacts" view.	A project is opened in TaRGeT. There is one imported and valid Use Case Document.	The Microsoft Word is invoked and the document is opened. [FR-TARGET-0005]
2M	Change the document, damaging its structure, and go back to the TaR-GeT window.	-	A progress bar is displayed while the project is being refreshed. [FR-TARGET-0110, FR-TARGET-0015]
3M	Wait the progress bar.	-	A new error is displayed in the "Error" view indicating that the document is damaged. No information related to this document is displayed in the "Use Case" view. An error icon is assigned to the document in the "Artifacts" view. [FR-TARGET-0120, FR-TARGET-0125]

Use case UC-100

- **Name:** Rejecting a Use Case Document With Duplicated Feature ID
- **Description:** Rejecting Use Case Documents that assign to a feature an ID that is being used by a feature of another document.

Scenario UC-100-SC-1

Description: Assign to a feature an ID that is being used by a feature of another document.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Double-click on a Use Case Document in the "Artifacts" view.	A project is opened in TaRGeT. There is two imported and valid Use Case Document.	The Microsoft Word is invoked and the document is opened. [FR-TARGET-0005]
2M	Change the document, by assigning to a feature an ID that is being used by a feature of another document, and go back to the TaRGeT window.	-	A progress bar is displayed while the project is being refreshed. [FR-TARGET-0110, FR-TARGET-0015]
3M	Wait the progress bar.	-	A new error is displayed in the "Error" view indicating that one of the documents contains a duplicated feature ID. The document is rejected and no information related to the document is displayed in the "Use Case" view. An error icon is assigned to the document in the "Artifacts" view. [FR-TARGET-0120, FR-TARGET-0125]

Use case UC-168

- **Name:** Viewing a Generated Test Suite in HTML Format
- **Description:** Viewing Test Suite Documents in HTML format with default browser in the Operational System.

Scenario SC-1

Description: View Test Suite Document by double-clicking.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Double-click on a test suite document in the "Artifacts" view.	A project is opened in TaRGeT. The project has at least one already generated test suite in HTML format.	The Operational System's default browser to open HTML files is invoked and the document is opened. The Test Cases and Traceability Matrixes appear in the document.[FR-TARGET-0005, FR-TARGET 0243, FR-TARGET 0175, FR-TARGET 0240,]

Use case UC-110

- **Name:** Generating Test Suites through the On The Fly Generation
- **Description:** Generating Test Cases through the On The Fly Generation.

Scenario UC-110-SC-1

Description: Generate test cases in a spreadsheet format.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Choose the "Tools" option in the menu bar.	The TaRGeT is already started up. There is an already created project with at least one imported use case without errors. [FR-TARGET-0100]	A drop down menu is displayed with "Search", "Preferences" and "On The Fly Generation" options. The "On The Fly Generation" option is available.
2M	Choose the "On The Fly Generation" option in the drop down menu.	-	The "On The Fly Generation Editor" window is displayed. The "Test Selection Page" is displayed. @onTheflySelected [FR-TARGET-0234]
3M	Go to "Test Cases" tab in the "On The Fly Generation Editor" view and click on the "Save Test Suite" button.	No filter is selected. [FR-TARGET-0150]	The "Test Cases Generation Summary" pop up is displayed informing the number of generated test cases and the total time required to complete the process. @saveTestSuite [FR-TARGET-0160]
4M	Click on the "ok" button.	-	The test suite is generated with the default name and the correct structure. The new test suite is in the "Artifacts" view in the TestCases folder. Notice that the generated test cases are according to the test cases list of the "Test Cases viewer" tab. [FR-TARGET-0237, FR-TARGET-0239, FR-TARGET-0170]

Scenario UC-110-SC-4

Description: Generating tests through a document with errors.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1A	Choose the "Tools" option in the menu bar.	The TaRGeT is already started up. A project is opened and some Use Case Documentation is already imported. There is at least one error in the "Error" list.	A drop down menu is displayed. The "On The Fly Generation" option is available.
2A	Choose the "On The Fly Generation" option in the drop down menu.	-	A dialog is displayed indicating that there is/are error(s) in the project and it is not possible to generate tests. [FR-TARGET-0239]
3A	Click on "Ok" button.	-	The focus comes back to the work area.

Use case UC-111

- **Name:** Generating Test Suites using Requirement Filter
- **Description:** Selecting test cases by Requirement Filter.

Scenario UC-111-SC-1

Description: Filtering test suit generation by requirements.

From steps: UC-110-2M

To steps: END

Id	User Action	Condition	System Response
1M	In "Selection" tab in "On The Fly Generation Editor", select some requirements (not all) in the Requirements Selection area.	The imported use cases refer to more than one requirement.	Some requirements are selected. [FR-TARGET-0145]
2M	Go to "Test Cases Viewer" tab.	-	Verify that test cases in the "Generated Test Cases" list are according to the selected filter. [FR-TARGET-0236, FR-TARGET-0237]

Scenario UC-111-SC-2

Description: All requirements are selected.

From steps: UC-110-2M

To steps: 2M,UC-121-1M

Id	User Action	Condition	System Response
1A	In the tab "Selection" in the "On The Fly Generation Editor", click on "Select all" button in the page of Requirements.	The imported use cases have one or more than one step which refers to distinct requirements	All requirements are selected. [FR-TARGET-0145]

Scenario UC-111-SC-3

Description: Deselect all requirements selection.

From steps: 1M

To steps: 2M

Id	User Action	Condition	System Response
1D	In the tab "Selection" in the "On The Fly Generation Editor", click on "Deselect all" button in the page of Requirements.	-	All requirements are deselected. [FR-TARGET-0145]

Scenario UC-111-SC-4

Description: There is no reference to any requirement in the imported use cases document(s).

From steps: START

To steps: END

Id	User Action	Condition	System Response
1E	Choose "Tools" option in the menu bar.	No requirement is referenced in the imported use cases document(s).	A drop down menu is displayed. "On The Fly Generation" option is available.
2E	Choose "On The Fly Generation" option in the drop down menu.	-	The "On The Fly Generation Editor" window is displayed. The "Requirements List" is disabled. The "Select All" and "Deselect All" buttons are disabled. [FR-TARGET-0145]

Use case UC-112

- **Name:** Generating Test Suites using Use Cases Filter
- **Description:** Selecting test cases by Use Cases Filter.

Scenario UC-112-SC-1

Description: Filtering test suit generation by use cases.

From steps: UC-110-2M

To steps: UC-111-2M

Id	User Action	Condition	System Response
1M	In the tab "Selection" in the "On The Fly Generation Editor", select one or more (press CTRL) Use Cases available in the document.	The imported use cases document have at least use case.	The use cases are selected.
2M	Click on "Add Use case" button.	-	One or more Use cases are added in the "Selected Use Cases" area. [FR-TARGET-0153]

Scenario UC-112-SC-2

Description: Remove Use Cases from filter.

From steps: 2M

To steps: UC-111-2M

Id	User Action	Condition	System Response
1A	In the tab "Selection" in the "On The Fly Generation Editor", select some use cases on the "Selected Use Cases" area.	-	The use cases are selected.
2A	Click on the "Remove Use Case" button.	-	The selected use cases were removed from "Selected Use Cases" area. [FR-TARGET-0153]

Use case UC-115

- **Name:** Generating Test Suites with Test Purposes
- **Description:** Selecting test cases by Test Purposes Filter.

Scenario UC-115-SC-1

Description: Filtering a test suite generation by a test purpose

From steps: UC-110-2M

To steps: UC-111-2M

Id	User Action	Condition	System Response
1M	Go to "Test Purpose Creation" and select *- * step in the "Steps" area and click on "Se- lect" button.	-	A "*" symbol is added to "Current Test Pur- pose" field.
2M	In the "Steps" area, se- lect a step and click on "Select" button.	-	A reference to this step is added to the "Cur- rent Test Purpose" field. [FR-TARGET-0151]
3M	In the "Steps" area, se- lect *- * step and click on "Select" button.	-	A "*" symbol is added to "Current Test Pur- pose" field.
4M	Click on "OK" button.	-	The test purpose is added to the "Created Test Purposes" list. The "Current Test Purpose" list is empty.

Scenario UC-115-SC-2

Description: Move the step to lower level.
From steps: START
To steps: 3M

Id	User Action	Condition	System Response
1A	Go to "On The Fly Generation" -> "Selec- tion" tab -> "Test Pur- pose Creation" and in "Steps" area, select a step and click on "Se- lect" button.	-	A reference to this step is added to the "Cur- rent Test Purpose" field. [FR-TARGET-0151]
2A	Go to "Test Purpose Creation" and select *- * step in the "Steps" area and click on "Se- lect" button.	-	A "*" symbol is added to "Current Test Pur- pose" field.
3A	Select the first step in the "Current Test Pur- pose" field and click in the "Down" button.	-	The selected test is in a lower level.

Scenario UC-115-SC-3

Description: Move the step to upper level.
From steps: 2A
To steps: 3M

Id	User Action	Condition	System Response
1B	Select the last step in the "Current Test Purpose" field and click in the "Up" button.	-	The selected test is in upper level.

Scenario UC-115-SC-4

Description: Clear one or more step(s) from "Current Test Purpose" field.
From steps: 3M
To steps: END

Id	User Action	Condition	System Response
1C	Select one or more steps on "Current Test Purpose" area and click on "Clean" button.	-	The selected step(s) was(were) removed from "Current Test Purpose" field.

Scenario UC-115-SC-5

Description: Remove a test purpose from the "Created Test Purposes" list.
From steps: 4M
To steps: END

Id	User Action	Condition	System Response
1D	Select a test purpose on "Created Test Purposes" list.	-	The test purpose is highlighted. [FR-TARGET-0151]
2D	Click on "Clean" button on "Created Test Purposes" area.	-	The test purpose was removed from the "Created Test Purposes" list.

Scenario UC-115-SC-6

Description: Remove all test purposes from the created test purposes list.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1E	Click on "Clear All" button on "Created Test Purposes" area.	There is more than one test purpose on "Test purposes" list.	The "Created Test Purposes" list is empty. [FR-TARGET-0151]

Use case UC-116

- **Name:** Generating Test Suites with Path Coverage
- **Description:** Selecting test cases from Path Coverage.

Scenario UC-116-SC-1

Description: Path coverage percentage is 50%.

From steps: UC-110-2M

To steps: UC-111-2M

Id	User Action	Condition	System Response
1M	Go to "Path Coverage" area and set to 50.	-	"Path Coverage" is 50%. [FR-TARGET-0152]

Use case UC-117

- **Name:** Visualizing Test Cases in Test Cases Viewer
- **Description:** Visualize the test cases before the test suite generation.

Scenario UC-117-SC-1

Description: Visualizing Test Cases.

From steps: UC-110-2M

To steps: END

Id	User Action	Condition	System Response
1M	Go to the "Test Cases" tab in the "On The Fly Generation Editor" view.	No filter is selected.	The "Common Test Cases" and the "New Test Cases" boxes are checked. [FR-TARGET-0235]
2M	Verify the test cases in the "Generated Test Cases" list	-	All test cases appear in the "Generated Test Cases" list.

Scenario UC-117-SC-2

Description: Visualizing the "Common Test Cases".

From steps: UC-110-2M

To steps: END

Id	User Action	Condition	System Response
1A	Filter the test suite selecting some requirements in the "Selection" tab.	-	The filter(s) are selected. [FR-TARGET-0234]
2A	Go to the "Test Cases" tab in "On The Fly Generation Editor" view.	-	The "Common Test Cases" and the "New Test Cases" boxes are checked. [FR-TARGET-0235]
3A	Deselect the "New Test Cases" box.	-	Just the "Common Test Cases" selected by the filters in the Selected tab appear in the "Generated Test Cases" list with black font. [FR-TARGET-0237]

Scenario UC-117-SC-3

Description: Visualizing the "Removed Test Cases" and the "Common Test Cases".

From steps: UC-111-2M

To steps: END

Id	User Action	Condition	System Response
1B	Select the "Removed Test Cases" box.	-	The removed test cases are added to the "Generated Test Cases" list with a red font.

Scenario UC-117-SC-4

Description: Visualizing the "Removed Test Cases".

From steps: 1B

To steps: END

Id	User Action	Condition	System Response
1C	Deselect "Common Test Cases" box.	-	Just the test cases removed by the filters appear in the "Generated Test Cases" list with a red font.

Scenario UC-117-SC-5

Description: Visualizing the lists of "Common Test Cases" and "New test Cases" after saving a filter.

From steps: UC-118-1M

To steps: END

Id	User Action	Condition	System Response
1D	Select a filter configuration saved previously.	-	The filter configuration is selected.
2D	Go to "Selection" tab and select some requirements that are equal to saved filter and some requirements different from saved filter.	-	The filter(s) are selected. [FR-TARGET-0234]
3D	Go to the "Test Cases" tab in the "On The Fly Generation Editor" view.	-	The "Common Test Cases" and "New Test Cases" boxes are checked. [FR-TARGET-0235]
5D	Go to "Generated Test Cases" list.	-	The common test cases between the first selected filter and the second selected filter that is loaded in the "Selection" tab, appear with black font in the "Generated Test Cases" list. The New Test Cases appear with green font in the "Generated Test Cases" list.

Scenario UC-117-SC-6

Description: Visualizing the "Removed Test Cases" after saving a filter

From steps: UC-118-1A

To steps: END

Id	User Action	Condition	System Response
1E	Click on the "Load Former Filter Selection" button.	-	The new filter configuration is loaded and the correspondent test cases appear in the "Generated Test Cases" list. [FR-TARGET-0237, FR-TARGET-0236]
2E	Select the default filter configuration "All test Cases".	-	The filter configuration is selected. The common test cases between the selected filter and the filter that is loaded in the "Selection" tab appear with black font in the "Generated Test Cases" list.
3E	Select the "Removed Test Cases" box.	-	The removed test cases appear in the "Generated Test Cases" list with a red font.

Scenario UC-117-SC-7

Description: Deselecting Common Test Cases box.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1F	Deselect the "Common Test Cases" box.	-	No test cases appear in the "Generated Test Cases" list.

Use case UC-118

- **Name:** Saving a filter configuration in the Test Cases Viewer
- **Description:** Saving and loading a filter configuration in the test cases viewer.

Scenario UC-118-SC-1

Description: Saving a filter configuration.

From steps: UC-117-2A

To steps: END

Id	User Action	Condition	System Response
1M	Click on the "Save Current Filter Selection" button.	-	The new filter configuration is saved and appears in the common list. [FR-TARGET-0236]

Scenario UC-118-SC-2

Description: Loading a saved filter configuration.
From steps: 1M
To steps: END

Id	User Action	Condition	System Response
1A	Select a filter configuration saved previously.	-	The filter configuration is selected.
2A	Click on the "Load Former Filter Selection" button.	-	The new filter configuration is loaded and the correspondent test cases appear in the "Generated Test Cases" list. [FR-TARGET-0237, FR-TARGET-0236]

Scenario UC-118-SC-3

Description: Loading the default filter configuration.
From steps: 2A
To steps: END

Id	User Action	Condition	System Response
1B	Select the default filter configuration "All test Cases".	-	The filter configuration is selected.
2B	Click on the "Load Former Filter Selection" button.	-	All test cases appear in the "Generated test cases" list.

Use case UC-119

- **Name:** Visualizing Test Cases in table format in Test Cases Viewer
- **Description:** Visualizing test cases in spreadsheet format.

Scenario UC-119-SC-1

Description: View a test case in the table.
From steps: UC-117-2M
To steps: END

Id	User Action	Condition	System Response
1M	Click on any test case in the "Generated Test Cases" list.	-	The chosen test case appears in the "Selected test Cases" view in the spreadsheet template. [FR-TARGET-0237]

Scenario UC-119-SC-2

Description: Select more than one test case to view in the table format.
From steps: UC-117-2M
To steps: END

Id	User Action	Condition	System Response
1A	Click on more than one (using CTRL) test case in the "Generated Test Cases" list.	-	The first test case selected in crescent order that appears on list is shown in the "Selected test Cases" view in the spreadsheet standard. [FR-TARGET-0237]

Scenario UC-119-SC-3

Description: Deselect a test case.
From steps: 1A
To steps: END

Id	User Action	Condition	System Response
1B	Deselect the first test case selected (using CTRL) in the "Generated Test Cases" list.	-	The spreadsheet view is updated, displaying another selected test case that appears first in the list in the "Generated test Cases" list.

Use case UC-121

- **Name:** Visualizing Test Cases in the Traceability Matrixes
- **Description:** Visualizing test cases in the traceability matrixes.

Scenario UC-121-SC-1

Description: Visualizing Test Cases.
From steps: UC-110-2M
To steps: END

Id	User Action	Condition	System Response
1M	Go to the "Traceability Matrix" tab in the "On The Fly Generation Editor" view.	No filter is selected	The "Common Test Cases" and "New Test Cases" boxes are checked. [FR-TARGET-0235]
2M	Verify the test cases in the matrixes list	-	All test cases appear in the matrixes list.

Scenario UC-121-SC-2

Description: Visualizing the "Common Test Cases".
From steps: UC-110-2M
To steps: END

Id	User Action	Condition	System Response
1A	Filter the test suite selecting some requirements in the "Test Selection Page".	-	The filter(s) are selected. [FR-TARGET-0234]
2A	Go to the "Traceability Matrix" tab in the "On The Fly Generation Editor" view.	-	The "Common Test Cases" and "New Test Cases" boxes are checked. [FR-TARGET-0235]
3A	Deselect the "New Test Cases" box.	-	Just the "Common Test Cases" selected by the filters in the Selected tab appear in the matrixes list with black font. [FR-TARGET-0237]

Scenario UC-121-SC-3

Description: Visualizing the "Removed Test Cases" and "Common Test Cases".
From steps: UC-111-1M
To steps: END

Id	User Action	Condition	System Response
1B	Go to the "Traceability Matrix" tab in the "On The Fly Generation Editor" view.	-	Verify that test cases in the "Traceability Matrix" list are according to the selected filter. [FR-TARGET-0240]
2B	Select the "Removed Test Cases" box.	-	The removed test cases are added to the matrixes list with a red font.

Scenario UC-121-SC-4

Description: Visualizing the "Removed Test Cases".
From steps: 2B
To steps: END

Id	User Action	Condition	System Response
1C	Deselect "Common Test Cases" box.	-	Just the test cases removed by the filters appear in the matrixes list with a red font.

Scenario UC-121-SC-5

Description: Visualizing the list of "Common Test Cases" and "New test Cases" after saving a filter.
From steps: 2A
To steps: END

Id	User Action	Condition	System Response
1D	Click on the "Save Current Filter Selection".	-	The new filter configuration is saved and appears in the common list. [FR-TARGET-0236]
2D	Select a filter configuration saved previously.	-	The filter configuration is selected.
3D	Go to "Test Selection Page" and select some requirements that are equal to the first selected filter and some requirements different from first selected filter.	-	The second filter(s) are selected. [FR-TARGET-0234]
4D	Go to the "Traceability Matrix" tab in the "On The Fly Generation Editor" view.	-	The "Common Test Cases" and "New Test Cases" boxes are checked. [FR-TARGET-0235]
5D	Verify the matrixes list.	-	The common test cases between the first selected filter and the second selected filter that is loaded in the "Selection" tab, appear with black font in the matrixes list. The New Test Cases appear with green font in the matrixes list.

Scenario UC-121-SC-6

Description: Visualizing the "Removed Test Cases" after saving a filter
From steps: 2D
To steps: END

Id	User Action	Condition	System Response
1E	Click on the "Load Former Filter Selection" button.	-	The new filter configuration is loaded and the correspondent test cases appear in the matrixes list. [FR-TARGET-0237, FR-TARGET-0236]
2E	Select the default filter configuration "All test Cases".	-	The filter configuration is selected. The common test cases between the selected filter and the filter that is loaded in the "Selection" tab, appear with black font in the matrixes list.
3E	Select the "Removed Test Cases" box.	-	The removed test cases are added to the matrixes list with a red font.

Scenario UC-121-SC-7

Description: Deselecting Common Test Cases box.
From steps: 2M
To steps: END

Id	User Action	Condition	System Response
1F	Deselect the "Common Test Cases" box.	-	No test cases appear in the matrixes list.

Use case UC-122

- **Name:** Saving a filter configuration in the Traceability Matrixes
- **Description:** Saving and loading a filter configuration.

Scenario UC-122-SC-1

Description: Saving a filter configuration in the traceability matrixes.
From steps: UC-121-2A
To steps: END

Id	User Action	Condition	System Response
1M	Click on the "Save Current Filter Selection".	-	The new filter configuration is saved and appears in the common list.

Scenario UC-122-SC-2

Description: Loading a saved filter configuration in the traceability matrixes.
From steps: 1M
To steps: END

Id	User Action	Condition	System Response
1A	Select a filter configuration saved previously.	-	The filter configuration is selected.
2A	Click on the "Load Former Filter Selection" button.	-	The new filter configuration is loaded and the correspondent test cases appear in the matrixes.

Scenario UC-122-SC-3

Description: Loading the default filter configuration.
From steps: 2A
To steps: END

Id	User Action	Condition	System Response
1B	Select the default filter configuration "All test Cases".	-	The filter configuration is selected.
2B	Click on the "Load Former Filter Selection" button.	-	All test cases appear in the matrixes.

Use case UC-123

- **Name:** Visualizing Test Cases in table format in the Traceability Matrixes
- **Description:** Viewing test cases in the spreadsheet format.

Scenario UC-123-SC-1

Description: View a test case in the spreadsheet format.
From steps: UC-121-2M
To steps: END

Id	User Action	Condition	System Response
1M	Click in any test case in the matrixes list.	-	The details of the selected test case appear in the "Selected test Cases" view in the spreadsheet standard.

Use case UC-124

- **Name:** Including Test Cases Permanently in test suite
- **Description:** Including test cases permanently in the test suit, independently of filters selection.

Scenario UC-124-SC-1

Description: Include permanently a test case that is already included by the filter selection.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Go to the "Test Cases" tab in the "On The Fly Generation Editor" view.	Any filter has to be selected. [FR-TARGET-0234]	The selected test cases by filter are displayed in the "Generated Test Cases" list. [FR-TARGET-0237]
2M	Check the "Removed Test Cases" box.	-	The removed test cases by filter are displayed in the "Generated Test Cases" list with a red font.
3M	Click with the right mouse button in a included test case.	-	A drop down menu is displayed with the "Exclude Test Case Permanently" and "Include Test Case Permanently" options are available and "Cancel Test Case Exclusion" and "Cancel Test Case Inclusion" are unavailable.
4M	Select "Include Test Case Permanently" option.	-	The test case appears "Included Test Cases" list of Inclusion/Exclusion tab and remains with a black font in the "Generated Test Case" list. [FR-TARGET-0241]

Scenario UC-124-SC-2

Description: Cancel the test case inclusion permanently.

From steps: 4M

To steps: END

Id	User Action	Condition	System Response
1A	Go back to the test case tab and click with the mouse right button in this included test case.	-	A drop down menu is displayed with the "Exclude Test Case Permanently" and "Cancel Test Case Inclusion" options are available and "Include Test Case Permanently" and "Cancel Test Case Exclusion" are unavailable.
2A	Select "Cancel Test Case Inclusion" option.	-	The test case is removed from "Included Test Cases" list of Inclusion/Exclusion tab.

Scenario UC-124-SC-3

Description: Exclude the test case included permanently.

From steps: 4M

To steps: END

Id	User Action	Condition	System Response
1B	Go back to the test case tab and click with the mouse right button in this included test case.	-	A drop down menu is displayed with the "Exclude Test Case Permanently" and "Cancel Test Case Inclusion" options are available and "Include Test Case Permanently" and "Cancel Test Case Exclusion" are unavailable.
2B	Select "Exclude Test Case Permanently" option.	-	The test case is removed from "Included Test Cases" list, is added to "Excluded Test Cases" list in the Inclusion/Exclusion tab and shown with a red font in the "Generated Test Cases list" in the Test Cases tab.

Scenario UC-124-SC-4

Description: Cancel the test case inclusion permanently in the Inclusion/Exclusion tab.

From steps: 4M

To steps: END

Id	User Action	Condition	System Response
1C	Go to the Inclusion/Exclusion tab and click with the mouse right button in this included test case.	-	A drop down menu is displayed with the "Exclude Test Case Permanently" and "Cancel Test Case Inclusion" options are available.
2C	Select "Cancel Test Case Inclusion" option.	-	The test case is removed from "Included Test Cases" list of Inclusion/Exclusion tab.

Scenario UC-124-SC-5

Description: Include a test case that is excluded by the filter selection.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1D	Click with the mouse right button in a excluded test case.	-	A drop down menu is displayed with the "Exclude Test Case Permanently" and "Include Test Case Permanently" options are available and "Cancel Test Case Exclusion" and "Cancel Test Case Inclusion" are unavailable. [FR-TARGET-0241]
2D	Select "Include Test Case Permanently" option.	-	The test case appears in the "Included Test Cases" list of Inclusion/Exclusion tab and is shown with a black font in the "Generated Test Case" list.

Use case UC-126

- **Name:** Excluding Test Cases Permanently in test suite
- **Description:** Excluding test cases permanently in the test suit, independently of filters selection.

Scenario UC-126-SC-1

Description: Exclude permanently a test case that is already excluded by the filter selection.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Go to the "Test Cases" tab in the "On The Fly Generation Editor" view.	Any filter has to be selected. [FR-TARGET-0234]	The selected test cases by filter are displayed in the "Generated Test Cases" list. [FR-TARGET-0237]
2M	Check the "Removed Test Cases" box.	-	The removed test cases by filter are displayed in the "Generated Test Cases" list with a red font.
3M	Click with the mouse right button in a excluded test case.	-	A drop down menu is displayed with the "Exclude Test Case Permanently" and "Include Test Case Permanently" options are available and "Cancel Test Case Exclusion" and "Cancel Test Case Inclusion" are unavailable.
4M	Select "Exclude Test Case Permanently" option.	-	The test case appears "Excluded Test Cases" list of Inclusion/Exclusion tab and remains with a red font in the "Generated Test Case" list. [FR-TARGET-0241]

Scenario UC-126-SC-2

Description: Cancel the test case exclusion permanently.

From steps: 4M

To steps: END

Id	User Action	Condition	System Response
1A	Go back to the test case tab and click with the mouse right button in this excluded test case.	-	A drop down menu is displayed with the "Include Test Case Permanently" and "Cancel Test Case Exclusion" options are available and "Exclude Test Case Permanently" and "Cancel Test Case Inclusion" are unavailable.
2A	Select "Cancel Test Case Exclusion" option.	-	The test case is removed from "Excluded Test Cases" list of Inclusion/Exclusion tab.

Scenario UC-126-SC-3

Description: Exclude the test case included permanently.

From steps: 4M

To steps: END

Id	User Action	Condition	System Response
1B	Go back to the test case tab and click with the mouse right button in this excluded test case.	-	A drop down menu is displayed with the "Include Test Case Permanently" and "Cancel Test Case Exclusion" options are available and "Exclude Test Case Permanently" and "Cancel Test Case Inclusion" are unavailable.
2B	Select "Include Test Case Permanently" option.	-	The test case is removed from "Excluded Test Cases" list, is added to "Included Test Cases" list in the Inclusion/Exclusion tab and shown with a black font in the "Generated Test Cases list" in the Test Cases tab.

Scenario UC-126-SC-4

Description: Cancel the test case exclusion permanently in the Inclusion/Exclusion tab.

From steps: 4M

To steps: END

Id	User Action	Condition	System Response
1C	Go to the Inclusion/Exclusion tab and click with the mouse right button in this excluded test case.	-	A drop down menu is displayed with the "Include Test Case Permanently" and "Cancel Test Case Exclusion" options are available.
2C	Select "Cancel Test Case Exclusion" option.	-	The test case is removed from "Included Test Cases" list of Inclusion/Exclusion tab.

Scenario UC-126-SC-5

Description: Exclude a test case that is included by the filter selection.

From steps: 4M

To steps: END

Id	User Action	Condition	System Response
1D	Click with the mouse right button in a included test case.	-	A drop down menu is displayed with the "Exclude Test Case Permanently" and "Include Test Case Permanently" options are available and "Cancel Test Case Exclusion" and "Cancel Test Case Inclusion" are unavailable.
2D	Select "Exclude Test Case Permanently" option.	-	The test case appears in the "Excluded Test Cases" list of Inclusion/Exclusion tab and is shown with a red font in the "Generated Test Case" list.

Use case UC-145

- **Name:** Starting Consistency Management

- **Description:** Starting Consistency Management Editor.

Scenario UC-145-SC-1

Description: Starting Consistency Management Editor.

From steps: UC-110-2M

To steps: END

Id	User Action	Condition	System Response
1M	Go to "Test Cases" tab and mark the option "Start Consistency Management before saving."	The On The Fly Editor is Opened.	A window is displayed asking the user to select a generated test suite to compare. [FR-TARGET-245].
2M	Select a test suite and press the "Finish" button.	-	The Consistency Management Editor is showed and the system displays one table containing the new test cases generated by the On The Fly and another table containing the percentage of similarity with the test cases of the previous selected test suite. [FR-TARGET-244]The system automatically associates a new test case to an old one that has a similarity level of 100%. [FR-TARGET-246]

Scenario UC-145-SC-2

Description: No test suites available.

From steps: UC-110-2M

To steps: END

Id	User Action	Condition	System Response
1A	Go to "Test Cases" tab and mark the option "Start Consistency Managememnt before saving."	The On The Fly Editor is Opened. There is no test suite in the project folder.	A window is displayed asking the user to select a test suite to compare, but none test suite is displayed in the list and a message is shown informing that there is no test suites available. The "Finish" button is disabled.
2A	Press the "Cancel" button.	-	The window is closed and the On The Fly Editor is displayed.

Use case UC-146

- **Name:** Associating Test Cases
- **Description:** Associating similar test cases in the Consistency Management Editor.

Scenario UC-146-SC-1

Description: Associating similar test cases in the Consistency Management Editor.

From steps: UC-145-2M

To steps: END

Id	User Action	Condition	System Response
1M	Select one test case from the new test cases table.	There are no modifications between the new and the old test suites.	The system shows in the old test cases table the similarity percentage between the selected new test case and the old ones. The "Delete" and "New Id" options are also displayed.
2M	Select one test case from the old test case table.	-	The system displays two spreadsheets showing the fields of the selected test cases in the "Compare Test Cases" area. The system marks with blue color the different fields and with yellow color the extra steps.
3M	Press the "Save Test Suite" button.	-	The system displays a message informing that the test cases were merged and a new test suite has been generated.

Scenario UC-146-SC-2

Description: A new test case has been created.
From steps: UC-145-2M
To steps: END

Id	User Action	Condition	System Response
1A	Select one test case from the New Test Cases table.	There is at least one modification between the new test suite and the old test suite.	The system marks the new or modified test case with red color. The system shows in the old test cases table the similarity levels between the selected new test case and the old ones different from 100%. The "Delete" and "New Id" options are also displayed and the "New Id" option is checked.
2A	Press "Save Test Suite" button.	-	The system displays a message informing that the test cases were merged and a new test suite has been generated. The generated test suite must contain the new test case and the new id that has been attributed to it.

Scenario UC-146-SC-3

Description: Removing a test case.
From steps: 1M
To steps: END

Id	User Action	Condition	System Response
1B	Check the "Delete" option in the old test case table and press the "Save Test Suite" button.	-	The system informs that the selected test case will be removed from the test suite and asks if the user wants to proceed.
2B	Press the "OK" button.	-	The system displays a message informing that the test cases were merged and a new test suite has been generated. The generated test suite must not contain the deleted test case.

Scenario UC-146-SC-4

Description: Associate two new test cases to the same old test case

From steps: UC-145-2M

To steps: END

Id	User Action	Condition	System Response
2C	Associate two test cases from "New Test Cases" table to the same test case in the "Old Test Case" table.	-	The system shows a warning message informing that there is another test case already associated with the selected old one.
3C	Press the "OK" button and press the "Save Test Suite" option.	-	The system displays a message informing that the test cases were merged and a new test suite has been generated. The generated test suite must contain two test cases with the same id.

Use case UC-147

- **Name:** Setting up Next New Id
- **Description:** Configure the next new id to new test case.

Scenario UC-147-SC-1

Description: Associating similar test cases in the Consistency Management Editor.
From steps: UC-146-2A
To steps: END

Id	User Action	Condition	System Response
1M	In the "Preferences" area, press the "Change" button.	-	The system enables the "Next New Id" field for edition.
2M	Fill the "Next New Id" field with a desired value and presses the "Save" button.	-	The system disables the "Next New Id" field for edition and save the new filled value.
3M	Press the "Save Test Suite" option.	-	The system displays a message informing that the test cases were merged and a new test suite has been generated. The generated test suite must contain the test case marked as new with the configured id.

Use case UC-148

- **Name:** Changing compared Test Suite
- **Description:** Change the test suite file that is being compared to the New test Suite generated by On The Fly.

Scenario UC-148-SC-1

Description: Changing Test Suite file.
From steps: UC-145-2M
To steps: END

Id	User Action	Condition	System Response
1M	Above Old Test Cases table, press the "Change" button.	There are one more generated test suites different from suite generated by On the Fly (New Test suite).	The system shows a window with all saved test suites and ask to user select a test suite to compare.
2M	Choose a test suite different from current.	-	The system shows a progress bar indicating the test suite loading process and opens another Consistency Management window comparing the selected Test suite file.

Use case UC-149

- **Name:** Automatic Association configuration
- **Description:** Configuring Automatic Association.

Scenario UC-149-SC-1

Description: Changing Test Suite file.
From steps: UC-146-1A
To steps: END

Id	User Action	Condition	System Response
1M	In Automatic Association area, fill the "First most similar" with a value a little less than the similarity percentage of first test case most similar to new test case.	There is a new modified test that has one test much similar with it (similarity percentage value is high) and the others are very different from it (similarity percentage value is lower than the first most similar).	The First Most Similar percentage is changed.
2M	In Automatic Association area, fill the "Second most similar" with a value a higher than the similarity percentage of second test case most similar to new test case.	-	The Second Most Similar percentage is changed.
3M	Press "Refresh" button	-	The first most similar test case is automatically checked in the Old Test Cases table.

Use case UC-150

- **Name:** Generating test suite on Consistency Management
- **Description:** Generates a test suite on the Consistency Management editor.

Scenario UC-150-SC-1

Description: Generates a test suite on the Consistency Management editor.

From steps: UC-145-2M

To steps: END

Id	User Action	Condition	System Response
1M	Select the "Save Test Suite" button in the "Comparison Results" section.	-	The "Test Cases Generation Summary" pop up is displayed informing the number of generated test cases and the total time required to complete the process. [FR-TARGET-0160]

Use case UC-151

- **Name:** Adding a term to the lexicon
- **Description:** Adds a term to the CNL lexicon according to the type selected by the user

Scenario UC-151-SC-1

Description: Adds an unknown term to the CNL lexicon
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Choose the option "Add New Term" in the CNL view.	-	The "Add New Lexical Term" dialog box is displayed.
2M	Choose one unknown term from the use case document in the "Term" combo.	There is at least one use case document imported. There is at least one word, in the imported use case documents, that was not found in the lexicon.	The selected term is displayed.
3M	Select a term type in the combo.	All the required fields are filled in.	The fields related to the selected term are displayed.
4M	Fill in the fields with the term's required information.	All the required fields are filled in.	The "Add New Term" button is enabled.
5M	Press the "Add New Term" button.	-	The CNL is reloaded and a success message is displayed indicating that the term was added to the lexicon.

Scenario UC-151-SC-2

Description: Adds a new term to the lexicon
From steps: 1M
To steps: 4M

Id	User Action	Condition	System Response
1A	Choose the option "New Term" in "Term" combo.	-	No term is displayed.

Scenario UC-151-SC-3

Description: Adds an existing term in a different category.

From steps: 1A

To steps: END

Id	User Action	Condition	System Response
1B	Select a term type in the combo and fill in with the term's required information.	The term was already added in the lexicon in a different category. All the required fields are filled in.	The "Add New Term" button is enabled.
2B	Press the "Add New Term" button.	-	A message is displayed informing that the term that the user is trying to add already exists in a different category. The system asks the user for a confirmation.
3B	Press the "Yes" option.	-	The CNL is reloaded and a success message is displayed indicating that the term was added to the lexicon.

Scenario UC-151-SC-4

Description: Cancel the addition of an existing term in a different category.

From steps: 2B

To steps: END

Id	User Action	Condition	System Response
1H	Select a term type in the combo and fill in with the term's required information.	The term was already added in the lexicon in a different category. All the required fields are filled in.	The "Add New Term" button is enabled.
2H	Press the "Add New Term" button.	-	A message is displayed informing that the term that the user is trying to add already exists in a different category. The system asks the user for a confirmation.
3H	Press the "No" option.	-	The "Add New Lexical Term is displayed".

Scenario UC-151-SC-5

Description: Adds the same term twice.
From steps: 1A
To steps: END

Id	User Action	Condition	System Response
1C	Select a term type in the combo and fill in with the term's required information.	The term was already added in the lexicon in the same category that was selected in the term type combo. All the required fields are filled in.	The "Add New Term" button is enabled.
2C	Press the "Add New Term" button.	-	The system displays an error message indicating that it is not possible to add a term in a same category twice.

Scenario UC-151-SC-6

Description: Adds a modal verb to the lexicon.
From steps: 1A
To steps: END

Id	User Action	Condition	System Response
1D	Select the "Verb" category in the term type combo. Fill at least one of the required fields with one of the following modal verbs: "can, could, may, must, might, should, ought, shall, will, would".	-	The system displays an error message indicating that it is not possible to add a modal verb in the lexicon.

Scenario UC-151-SC-7

Description: Adds a pronoun to the lexicon.
From steps: 1A
To steps: END

Id	User Action	Condition	System Response
1E	Select a term type in the combo and fill at least one of the required fields with one of the following pronouns: "I, you, he, she, it, we, they, me, him, her, us, them, my, mine, your, yours, his, her, hers, its, our, ours, yours, your, their, theirs, myself, yourself, himself, herself, itself, ourselves, yourselves, themselves".	-	The system displays an error message indicating that it is not possible to add a pronoun in the lexicon.

Scenario UC-151-SC-8

Description: Adds a misspelled term in the lexicon.

From steps: 1A

To steps: END

Id	User Action	Condition	System Response
1F	Select a term type in the combo and fill in the fields with the misspelled term's values.	All the required fields are filled in. The term type has to be one of the following: "Noun, Adverb, Adjective or Verb".	The "Add New Term" button is enabled.
2F	Press the "Add New Term" button.	-	A message is displayed informing that the term that the user is trying to add may not be well spelled. The system asks the user for a confirmation.
3F	Press the "No" option.	-	The dialog input fields are cleared.

Scenario UC-151-SC-9

Description: Adds a term in the lexicon in a wrong category.

From steps: 1A

To steps: END

Id	User Action	Condition	System Response
1G	Select a term type in the combo and fill in the fields with a term from another category.	All the required fields are filled in. The term type has to be one of the following: "Noun, Adverb, Adjective or Verb".	The "Add New Term" button is enabled.
2G	Press the "Add New Term" button.	-	A message is displayed informing that the term that the user is trying to add may not be suitable to its category according to the CNL dictionary. The system asks the user for a confirmation.
3G	Press the "No" option.	-	The dialog input fields are cleared.

Use case UC-152

- **Name:** Searching a term in the lexicon
- **Description:** Searches a term in the lexicon and displays the term's information.

Scenario UC-152-SC-1

Description: Searches a term in the lexicon.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Choose the option "Edit/Remove Terms" in the CNL view.	The TaRGeT is already started up.	The "Edit/Remove Lexical Term" dialog box is displayed.
2M	Type the term in the "Search" input field.	-	The results are displayed in the "Vocabulary" area.

Use case UC-153

- **Name:** Updating a term
- **Description:** Updates a term from the lexicon

Scenario UC-153-SC-1**Description:** Updates the term values.**From steps:** UC-151-1M**To steps:** END

Id	User Action	Condition	System Response
1M	Select the term to be updated in the "Vocabulary" list.	There is at least one term in the vocabulary list.	The term to be updated is selected.
2M	Press the "Edit" button.	-	Editable fields are displayed in the dialog box.
3M	Change at least one of the term values.	-	The term fields are modified.
4M	Press the "Save" button.	All the required fields are filled in.	The term is updated in the lexicon.

Scenario UC-153-SC-2**Description:** Updates the term category.**From steps:** 2M**To steps:** END

Id	User Action	Condition	System Response
1A	Change the term type and fill in the terms values.	-	The term fields and category are modified.
2A	Press the "Save" button.	All the required fields are filled in.	The term is updated in the lexicon.

Scenario UC-153-SC-3**Description:** Updates a term with the values of an existing one.**From steps:** 2M**To steps:** END

Id	User Action	Condition	System Response
1B	Change the term type and fill in the terms values.	The new term type and fields have to be equals to an existing term in the lexicon.	The term fields and category are modified.
2B	Press the "Save" button.	All the required fields are filled in.	The system displays an error message indicating that it is not possible to add a term in a same category twice.

Scenario UC-153-SC-4

Description: Updates a term with misspelled values.

From steps: 2M

To steps: END

Id	User Action	Condition	System Response
1C	Fill in the terms fields with misspelled values.	All the required fields are filled in. The term type is one of the following: "Noun, Adverb, Adjective or Verb".	The term fields are modified.
2C	Press the "Save" button.	All the required fields are filled in.	A message is displayed informing that the term that the user is trying to add may not be well spelled. The system asks the user for a confirmation.
3C	Press the "No" option.	-	The modifications are ignored and the term's initial values are displayed.

Use case UC-154

- **Name:** Deleting a term
- **Description:** Deletes a term from the lexicon.

Scenario UC-154-SC-1

Description: Deletes a term from the lexicon.

From steps: UC-151-1M

To steps: END

Id	User Action	Condition	System Response
1M	Select the term to be deleted in the "Vocabulary" area.	There is at least one term in the vocabulary area.	The term to be deleted is selected.
2M	Press the "Remove" button.	-	A dialog box is displayed asking the user to confirm the term exclusion.
4M	Press the "Yes" button.	All the required fields are filled in.	The CNL is reloaded and a success message is displayed indicating that the term was removed from the lexicon.

Use case UC-155

- **Name:** Visualizing unknown term's synonyms
- **Description:** Shows unknown term's synonyms.

Scenario UC-155-SC-1

Description: Shows unknown term's synonyms.

From steps: UC-150-1M

To steps: END

Id	User Action	Condition	System Response
1M	Choose one unknown term from the use case document in the "Term" combo.	There is at least one use case document imported. There is at least one word, in the imported use case documents, that was not found in the lexicon. The term has a synonym already added in the lexicon. The term type is one of the following: "Noun, Adverb, Adjective or Verb".	The selected term and its synonyms are displayed in the "Add New Lexical Term" dialog box.

Use case UC-156

- **Name:** Reloading CNL
- **Description:** Reloads the CNL configuration files and reprocess the imported use case documents.

Scenario UC-156-SC-1

Description: Reloads the CNL configuration files.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Press the reload CNL button in the CNL View.	-	The system displays a progress bar informing the progress of the task. The system reloads CNL configuration files and reprocesses imported use case documents.

Use case UC-157

- **Name:** Visualizing errors from action sentences
- **Description:** Displays the errors from action sentences in the error table in the CNL view.

Scenario UC-157-SC-1

Description: Displays the errors from action sentences.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Press the "Show errors from action sentences" button in the CNL View.	There is at least one error from an action sentence in the error table. The "Show errors from action sentences" button is not selected.	The system displays the errors from action sentences in the error table in the CNL view.

Use case UC-158

- **Name:** Visualizing errors from condition sentences
- **Description:** Displays the errors from condition sentences in the error table in the CNL view.

Scenario UC-158-SC-1

Description: Displays the errors from condition sentences.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Press the "Show errors from condition sentences" button in the CNL View.	There is at least one error from a condition sentence in the error table. The "Show errors from condition sentences" button is not selected.	The system displays the errors from condition sentences in the error table in the CNL view.

Use case UC-159

- **Name:** Visualizing errors from response sentences
- **Description:** Displays the errors from response sentences in the error table in the CNL view.

Scenario UC-159-SC-1

Description: Displays the errors from response sentences.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Press the "Show errors from response sentences" button in the CNL View.	There is at least one error from a response sentence in the error table. The "Show errors from response sentences" button is not selected.	The system displays the errors from response sentences in the error table in the CNL view.

Use case UC-160

- **Name:** Visualizing syntax errors details
- **Description:** Displays syntax errors details in the "Syntax Errors" dialog box.

Scenario UC-160-SC-1

Description: Displays syntax errors details.

From steps: START

To steps: END

Id	User Action	Condition	System Response
1M	Press the "Show the Syntax Errors Details" button in the CNL View.	There is at least one syntax error in the error table.	The "Syntax Errors" dialog box is displayed and the details about the syntax errors are showed.

Scenario UC-160-SC-2

Description: Changes selected sentence in the "Syntax Errors" dialog box.
From steps: 1M
To steps: END

Id	User Action	Condition	System Response
1A	Select a different sentence in the "Error Sentences" combo.	There is more than one syntax error in the error table.	The "Syntax Errors" dialog box is updated and the details about the syntax errors from the selected sentence are showed.

Use case UC-161

- **Name:** Sorting errors by description
- **Description:** Sorts errors in the error table by its descriptions.

Scenario UC-161-SC-1

Description: Sorts errors in the error table by its descriptions.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Press the "Description" cell in the error table in the CNL view.	There is more than one error in the error table.	The errors in the error table are sorted alphabetically by its descriptions.

Use case UC-162

- **Name:** Sorting errors by use case sentences
- **Description:** Sorts errors in the error table by the use case sentences where they were found.

Scenario UC-162-SC-1

Description: Sorts errors in the error table by the use case sentences where they were found.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Press the "Sentence" cell in the error table in the CNL view.	There is more than one error in the error table.	The errors in the error table are sorted alphabetically by the use case sentences where they were found.

Use case UC-163

- **Name:** Sorting errors by step ID
- **Description:** Sorts errors in the error table by the ID of the step where they were found.

Scenario UC-163-SC-1

Description: Sorts errors in the error table by the ID of the step where they were found.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Press the "Step" cell in the error table in the CNL view.	There is more than one error in the error table.	The errors in the error table are sorted alphabetically by the ID of the step where they were found.

Use case UC-164

- **Name:** Sorting errors by use case document name
- **Description:** Sorts errors in the error table by the name of the use case document where they were found.

Scenario UC-164-SC-1

Description: Sorts errors in the error table by the name of the use case document where they were found.
From steps: START
To steps: END

Id	User Action	Condition	System Response
1M	Press the "Resource" cell in the error table in the CNL view.	There is more than one error in the error table.	The errors in the error table are sorted alphabetically by the name of the use case document where they were found.