

Managing requirements with Requirement List

Every use case can be achieved by implementing a set of relevant requirements. Requirement states what the system needs to deliver. We will identify a set of requirements under use cases. While use case focuses on what user wants to do with our system, requirement focuses on what the system needs to deliver to fulfill the use cases.

The **Requirement List** is a place where you can store and manage requirements. You can also gain an overview of requirements involved in the entire system.

Opening the Requirement List

To open Requirement List, select **Modeling > Requirement List** from the toolbar.

Overview of Requirement List

The screenshot shows the Requirement List interface. At the top is a toolbar with icons for creating, editing, and deleting requirements, and a search bar. Below the toolbar is a table listing requirements. The table has columns for Name, ID, Kind, Risk, and Use Cases. The first row is highlighted. Below the table is a form for editing a requirement. The form has fields for Name, ID, source, kind, verifyMethod, risk, status, and Use Cases. To the right of the form is a text area for the requirement's description. Numbered callouts (1-16) point to various elements: 1 points to the 'New Requirement' icon, 2 to the 'Font Size' icon, 3 to the 'Open Specification...' icon, 4 to the 'Select Requirement' icon, 5 to the 'Delete Requirement' icon, 6 to the search bar, 7 to the 'Use Cases' column, 8 to the 'Name' field, 9 to the 'ID' field, 10 to the 'source' field, 11 to the 'kind' dropdown, 12 to the 'verifyMethod' dropdown, 13 to the 'risk' dropdown, 14 to the 'status' dropdown, 15 to the 'Use Cases' field, and 16 to the text area.

Name	ID	Kind	Risk	Use Cases
Back-up	REQ001	Functional	Low	Manage User Records
Information	REQ002	Functional	Low	Manage User Records
Information	REQ003	Functional	High	Manage User Records
Hotkey support	REQ004	Functional	Low	Manage User Records
Linux compatibility	REQ006	Functional	Medium	Manage User Records
Logging	REQ005	Functional	Low	Manage User Records
Multi-Selection	REQ007	Functional	Low	Manage User Records

Name: Back-up
ID: REQ-1
source: Interview
kind: Functional
verifyMethod: Test
risk: Low
status:
Use Cases:
Text: Back-up data before deletion.

No	Name	Description
1	New Requirement	Click to create a requirement.
2	Font Size	Click to adjust the font size of text in Requirement List .
3	Open Specification...	Select a requirement in Requirement List and click this button to open its specification.

No	Name	Description
4	Show View...	Select a requirement in Requirement List and click this button to list the diagrams that contains the view of the selected requirement.
5	Visualize	Select a requirement in Requirement List and click this button to show it in a new or existing diagram.
6	Search	Find requirement(s) by entering search criteria.
7	List of requirements	Requirements are listed here.
8	Requirement name	Name of selected requirement.
9	Requirement ID	ID of selected requirement. ID are automatically generated when you create requirement. You may customize the pattern of ID in the Project Options window (Window > Project Options > Project Options > Diagramming > Model Generation).
10	Source	The way how the requirement was created.
11	Kind	The type of requirement.
12	Verify Method	The way how the requirement can be verified.
13	Risk	The level of risk in supporting the requirement.
14	Status	The current status of requirement.
15	Use Cases	Use cases can be achieved by implementing requirements. If the selected requirement was created from a use case, or added as a requirement of a use case, you can see the use cases here.
16	Requirement description editor	Description of selected requirement. The tools above the editor enables you to enter description in rich text format.

Creating requirement in Requirement List

To create a requirement in **Requirement List**:

1. Click on **New Requirement** above the **Requirement List**.
2. Enter the name of requirement.

Name	ID	Kind	Risk
Back-up	REQ-1		

3. Press **Enter** to confirm editing.
4. You can optionally edit the properties of the requirement.

Name:	Back-up
ID:	REQ-1
source:	Interview
kind:	Functional
verifyMethod:	Test
risk:	Low
status:	
Use Cases:	

5. You can optionally edit the properties of the requirement.

Text:

B **F** **+**

Back-up data before deletion.