

Requirement Operations

Operations common to Planned and Unplanned Requirements

The following operations can be performed on "Planned Requirement" table:

- **Select Requirement**
 - A requirement can be selected by clicking on first column of the requirement.
 - Multi-select is provided and works for many operations.
- **Create Requirement:** A new requirement can be created by either
 - clicking on the table row under the "Requirement" column labeled "< Enter new requirement >".
 - selecting context menu item ("Add Requirement above" or "Add Requirement below").
 - selecting a requirement and choosing add option ("Add Requirement above" or "Add Requirement below") from the menu bar.

The screenshot shows the JIRA Requirements table with a context menu open over the requirement row FOUR-R4. The table columns include Id, Requirement Summary, BL, Categories, Depends On, Dependents, Effort (days), Release Id, Assignee, Priority, Criticality, Feasibility, and Com. The context menu options are: Add Requirement above, Add Requirement below, Indent Requirement, Outdent Requirement, Create Version, Commit Version, Paste Requirement above, Paste Requirement below, Create JIRA Issue, and Delete Requirement.

Id	Requirement Summary	BL	Categories	Depends On	Dependents	Effort (days)	Release Id	Assignee	Priority	Criticality	Feasibility	Com
FOUR-R1 (1)	Stakeholder Needs	---	---	ONE-R1 (1), THREE-R1 (1)	ONE-R2 (1), TWO-R27 (1), THREE-R2 (1)	---	---	---	---	---	---	
FOUR-R2 (1)	SH1 in Korean	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R3 (1)	SH2	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R4 (1)	User Needs	---	---	---	---	---	---	---	---	---	---	
FOUR-R5 (1)	UN1	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R6 (1)	UN2	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R7 (1)	Product Feature	---	---	---	---	---	---	---	---	---	---	
FOUR-R8 (1)	PF1	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R9 (1)	PF2	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R10 (1)	Misc	---	---	---	---	---	---	---	---	---	---	
FOUR-R11 (1)	New Requirement	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R12 (1)	Test Migration	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R13 (1)	New Requirement 1	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R14 (1)	New Requirement 2	---	---	---	---	0	???	???	Trivial	Low	No	
FOUR-R15 (1)	New Requirement 3	---	---	---	---	0	???	???	Trivial	Low	No	

- **Edit Requirement:**
 - A requirement can be edited simply by clicking on it OR by clicking its ID.
 - Please note that
 - some fields of a parent requirement are non-editable.
 - "Requirement Summary" and "Requirement Description" of a committed requirement cannot be edited.
- **Delete Requirement:**
 - A requirement can be deleted by clicking on context menu item "Delete Requirement".
 - **Caution!** if a parent requirement is deleted, then all of its children will also be deleted.
- **Paste Requirement:**
 - A requirement can be cut from the unplanned requirements table and then pasted into the planned requirements table either:
 - by selecting context menu item "Paste Requirement above" or "Paste requirement below".
 - or by selecting a requirement from planned requirements table and then choosing "Paste Requirement above" or "Paste Requirement below" from the menu bar in planned requirements table.
- **Move:**
 - A Requirement can be moved, just by typing the Requirement-Id in the target row.
- **Move Requirement from Unplanned to Planned:**
 - A requirement can be moved from "Unplanned Requirements" table to "Planned Requirements" table by
 1. right clicking on it. After right click, a menu appears and requirement can be moved to planned table by selecting "Move to Planned Requirements".
 2. or by selecting the requirement and then choosing "Move to Planned Requirements" from dropdown "More Actions".
- **Move to Unplanned:**
 - A requirement can be moved from "Planned Requirements" table to "Unplanned Requirements" table by selecting the requirement and then choosing "Move to Unplanned" from "Manage Requirements" dropdown menu.

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Requirements | Traceability | Releases | Test Cases | Reporting | Project Configuration

Planned Requirement | **Unplanned Requirement**

Manage Requirements
 Add Requirement Above
 Add Requirement Below
 Paste Requirement Above
 Paste Requirement Below
 Create Duplicate
 Delete Requirement
 Export to Another Project
 Create JIRA Issue(s)
 Create Blank Test Case(s)
 Bulk Operation
 Move Links to Latest Version
 Copy Links to Latest Version
 Move to Unplanned

Requirement Summary	Description	BL	Categories	Depends On	Dependents	Effort (days)
Requirement 1	Description for Requirement 1	----	Category 1, Category 2, Category 3	FIR-R2 (1)	----	0
Requirement 2	Description for Requirement 2	----	Category 2	----	FIR-R1 (1)	0
Requirement 3	Description for Requirement 3	----	Category 3	----	----	0
Requirement 4	Description for Requirement 4	----	----	----	----	0
<input type="checkbox"/> FIR-R5 (1)	<input checked="" type="checkbox"/> Requirement 5	----	----	----	----	----

- Note :**
 - A requirement can not be moved from "Planned Requirements" table to "Unplanned Requirements" table if :
 - The requirement is linked with a release/ baseline/ test cases/ artifacts,
 - The requirement is a container,
 - The requirement is committed,
 - The requirement is linked with other requirements (depends on/ dependents),
 - The requirement is assigned to some user
 - The user performing the action does not have appropriate permission.

- Filters:**
 - Requirements can be filtered on various attributes like "Release ID", "Priority", "Criticality", "Feasibility", "Status" etc.
 - Filter selection performs an OR operation within a given column and performs AND operation across columns.
 - User can reset the filter to default state by using **Reset Filter**
- Named Filters**
 - Named Filters can be created and used, as described in [Named Filters](#).
- Refresh**
 - A Refresh button is provided to reload the table.
- Search :**
 - The user can now search using
 - Numeric part or complete Id
 - Part of text in the text / rich text area fields like Requirement Summary, Description and custom fields using the search box provided.
 - Reset Filter** clears the search field as well.

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Requirements | Traceability | Releases | Test Cases | Reporting | Project Configuration | Select Project: DEMO

Planned Requirement | **Unplanned Requirement**

Manage Requirements | Expand All | Collapse All | Indent | Outdent | Version/Baseline Actions | Latest View | CSV Import

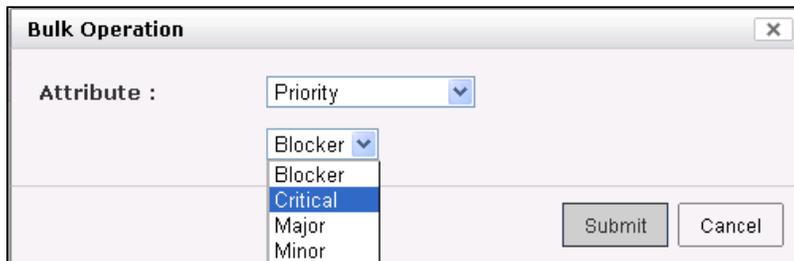
Id	Requirement Summary	Hierarchy Level	Description	BL	Categories	Depends On	Dependents	Release Id	Priority	Feasibility	Status
DEMO-R103 (1)	Hardware Requirements	Level 1		----	----	----	----			----	----
DEMO-R9 (1)	Requirement 7	Level 1 / Level 1.1	Description for Requirement 7	----	Hardware Requirement	----	----			Yes	Open
DEMO-R10 (1)	Requirement 8	Level 1 / Level 1.2	Description for Requirement 8	----	Hardware Requirement	----	----			Yes	Open
DEMO-R11 (1)	Requirement 9		Description for Requirement 9	----	Hardware Requirement	----	----	???	Minor	Yes	Open
DEMO-R1 (1)	Requirement 1		Description for Requirement 1	🔒	6	DEMO-R3 (1), DEMO-R4 (1), FIF-R1 (1)	FIF-R3 (1), DEMO-R16 (1), DEMO-R17 (1), DEMO-R114 (1)	Release 1.0	Minor	Yes	Open
DEMO-R104 (1)	Software Requirements			----	----	----	----			----	----
DEMO-R3 (1)	Requirement 3		Description for Requirement 3	----		DEMO-R18 (1), DEMO-R19 (1)	DEMO-R1 (1)	???	Minor	Yes	Open
DEMO-R4 (1)	Requirement 4		Description for Requirement 4	----			DEMO-R1 (1), DEMO-R113 (1)	???	Minor	Yes	Open

Now Showing # 99 row(s) | Auto Insert | Append Row

- Specifying source of requirement**
 - Source of requirement can be specified in detailed requirement view. Refer following link for details [Specifying - Source of a Requirement](#)
 - Source can also be specified using the columns "External Sources" and "Internal Sources" from the Planned Requirements table.
- Import Requirements:**
 - User can initiate the import process by clicking on the "CSV Import" button in the any of the Requirements Tables.
 - A generic description of the functionality can be found at [Generic CSV Import Function](#).
- Export Requirements:**
 - Requirements can be exported to PDF format by clicking icons shown on the top right corner.
 - Planned Requirements can also be exported in CSV format.
 - A partial set of requirements can be exported by selecting a set of requirements (through the checkbox) and then selecting either PDF or CSV export.

Operations Specific to Planned Requirements

- **Append Requirement**
 - By clicking on Append row button in the Footer Bar, a Requirement can be appended to the list.
- **Auto Insert**
 - By checking "Auto Insert" box in the Footer Bar, a new row will be automatically inserted after the current operation is complete.
- **Navigate to Top / Bottom of Requirements Table**
 - This can be achieved by clicking on  icons in the Footer Bar.
- **Indent Requirement:** A requirement can be indented in the following two ways:
 - First select a requirement and then click on indent button to indent it.
 - By selecting context menu item "Indent Requirement".
- **Outdent Requirement:** A requirement can be outdented in the following two ways:
 - First select a requirement and then click on outdent button to outdent it.
 - By selecting context menu item "Outdent Requirement".
- **Multi-select Options**
 - There is an option in the Table Header for selecting all entities as per the current filter .
 - Children of any parent can be selected/ deselected using the context menu options "Select Children in filter" / "Deselect Children".
- **Multi-select & Bulk Operations**
 - RMs is provides a mechanism to do a bulk update of Attributes for multiple requirements.
 - To achieve this, select all the requirements, whose attribute is to be modified.
 - Choose **Bulk Operation** from the **Manage Requirements** drop-down.
 - A dialog box will appear.
 - Select the attribute and value and **Submit**.



- **Baseline Actions:**
 - Accessed through **Version/Baseline Actions** dropdown
 - **Mark for Baseline:** All selected requirements can be marked for baseline by selecting "Mark for Baseline" option.
 - **UnMark:** All selected and marked requirements can be unmarked by selecting "UnMark" option.
 - **Create Baseline:**
 - All marked and selected requirements can be baselined by selecting "Create Baseline" option.
 - The system will prompt for and save the Baseline Name & Description.
 - **Link to Baseline:** All selected and marked requirements can be linked with an already existing non-committed baseline by selecting "Link to Baseline" option.
 - **Unlink From Baseline:** All selected requirements can be unlinked from a non-committed baseline by selecting "Unlink From Baseline" option.
 - **Commit Baseline:** The current state of the selected baseline will be saved after using the option "Commit Baseline". Requirements cannot be linked/ unlinked to a baseline after the baseline has been committed.
 - **Uncommit Baseline:** The selected baseline will be uncommitted after using the option "Uncommit Baseline". If a committed baseline has been uncommitted using this option, requirements can be linked/ unlinked to such baseline.
 - Details of implementation are available at [Details of Requirements Baselining](#)
 - **Version Actions:**
 - Accessed through **Version/Baseline Actions** dropdown
 - **Create Version:**
 - A new version of the requirement is created. The source requirement must be committed to perform this operation.
 - This operation can be performed by selecting a requirement/ set of requirements and clicking on Create Version(s) under the Version/Baseline Actions option.
 - After selecting Create Version option, a panel listing options to copy links with requirements, test cases, artifacts and removing links will open
- After selecting the appropriate options and clicking on the submit button, the new version of requirements will be created
- Selecting "Copy Dependencies", "Copy Dependents:", "Copy Linked Test Cases:" and "Copy Linked Artifacts:" will copy links of existing requirements to the new version of the requirement.
 - Selecting "Copy Sources:" will copy Internal Sources and External Sources to the new version of the requirement.
 - Selecting "Copy Comments:" will copy comments to the new version of the requirement.
 - Selecting the "Remove Links:" will remove all links from the existing requirement version.

Links you want to copy? ✕

Copy Dependencies:

Copy Dependents:

Copy Linked Test Cases:

Copy Linked Artifacts:

Copy Sources:

Copy Comments:

Remove Links: Remove all links from existing entity

- **Commit Version:** The present state of requirement is saved.
- **Uncommit Version:** This option can be used to uncommit the latest committed version of the requirement(s).
 - **Note:** This option will be available only if uncommit of the latest version of requirement has been enabled by the user having admin rights in RMsis from RMsis Administration > Configuration > Application
 - Details of implementation are available at [Requirement Versions, Baseline and History](#)
- **View Versions:** This dropdown provides multiple options for viewing various versions of requirements.
 - **Latest View** shows the latest version of all requirements.
 - All Versions
 - All saved Baselines.
- **Expand Requirement:**
 - A parent requirement can be expanded by clicking on expand button associated with the requirement text but if you want to expand all requirements, then click on "Expand All" button.
- **Collapse Requirement:**
 - A parent requirement can be collapsed by clicking on collapse button associated with the requirement text but if you want to collapse all requirements, then click on "Collapse All" button.
- **Export Requirements to another Project**
 - Select the requirements you wish to export and select "Export to Another Project".
 - Select the target project from the panel which appears (shown below)
 - Refer [this](#) link for more details.

Export Requirement(s) ✕

Project : Demo ▾

Copy Dependencies:

Copy Dependents:

Copy Artifacts:

Copy Comments:

Requirements which will be copied: (Includes selected Requirements and Children of selected Parents)

Id	Requirement Summary
DEM-R4 {1}	☐ Requirement 4
DEM-R5 {1}	Requirement 5
DEM-R6 {1}	Requirement 6

Submit
Cancel

- **Create Duplicate**

- This option creates a duplicate of the selected Requirements at the end of Planned Table.
- Duplicates with unique requirement ID's can be created for any selected set of requirements.
- This operation can be performed by selecting a set of requirements and clicking on Create Duplicate under the Manage Requirements option.
- After selecting Create Duplicate option, a panel listing options to copy links with requirements, test cases, artifacts and removing links will open.
 Selecting appropriate options, and clicking on the submit button will create a duplicate set of requirement at the bottom of the table.
 - Selecting "Copy Dependencies", "Copy Dependents:", "Copy Linked Test Cases:" and "Copy Linked Artifacts:" will copy links of existing requirements to the new requirement (duplicate requirement)
 - Selecting "Copy Sources:" will copy Internal Sources and External Sources to the new version of the requirement.
 - Selecting "Copy Comments:" will copy comments to the new version of the requirement.
 - Selecting the "Remove Links:" will remove all links from the existing requirement.

- **Create JIRA Issues**

- There are many situations, where the users wish to create a JIRA Issue in order to implement the Requirement.
- This functionality can be used to automatically create a large number of tasks against a chosen set of Requirements, say a Baseline.
- An elaborate description of this functionality can be found at [Exporting Requirements as JIRA Issues](#)

- **Create Blank Test Cases**

- Users can automatically generate a set of Test Cases against the selected Requirements.
- An elaborate description of this functionality can be found at [Generating set of Test Cases against Requirements.](#)

- **Move Links to Latest Version**

- This functionality can be used to move the links or associations of requirement(s) with other requirements/ test cases/ JIRA issues from a previous version of the requirement to the latest version of requirement.
- After using this feature, the associations/ links of the previously selected version of the requirement will be removed and these relationships will be moved to the latest version of the requirement.

- **Copy Links to Latest Version**

- This functionality can be used to copy the links or associations of requirement(s) with other requirements/ test cases/ JIRA issues from a previous version of the requirement to the latest version of requirement.

Important Notes:

- If you are unable to perform any operation on this table, then please confirm with your administrator / manager that you have the required credentials to perform that operation.
- Context Menu is accessible by right clicking on any table row. Operations defined in context menu will be performed on that row.
- The fields categories, estimated effort, technical risk, release id, priority, criticality, feasibility, status for a parent requirement are non editable.