ICM Interface

BP001 Entity Structure



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| v1.1 | 12-10-2010 | Draft | Updated use cases and requirements for jira issues:  PCWM-242 (Create an entity structure)  PCWM-243 (View an entity structure)  PCWM-244 (Filter entity structures in the summary table)  PCWM-245 (Delete an entity structure)  PCWM-246 (Copy an entity structure)  PCWM-247 (Modify an entity structure)  PCWM-248 (Validate an entity structure)  PCWM-249 (Submit an entity structure to entity set/testing assumption set)  PCWM-250 (Download validation report of an entity structure)  PCWM-251 (Check in/check out an entity structure) |
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References

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Open and Closed Issues

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# Use Cases

## Use Case Diagrams



*Figure:* *Entity Structure Use Case Diagram -1*

## Use Case Diagrams



*Figure:* *Entity Structure Use Case Diagram - 2*

## EST001 View Entity Structure Library

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Post-condition | The entity structures stored in the library are available for further use. |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | | 1. The system displays the entity structure library dashboard. |

### Requirements

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| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-001 The system shall display the entity structure summary table in the library dashboard.** | | | |
| The system shall display the following information:  - Name: name of the entity structure;  - Status: status of the displayed version of the entity structure;  - Version: version of the entity structure;  - Base Date: base date of the displayed version of the entity structure;  - Description: description of the displayed version of the entity structure;  - Geographical Rights: user groups that owns the entity structure;  - Last modified local date: timestamp of the last event performed on the entity structure (excluding locking events);  - Last modified system date: this column is by default hidden;  - Archive status: archive status of the entity structure.  The field ‘Archive status’ is left blank if there is at least one tag assigned to the selected version of the entity structure which has the ‘Archive status’ blank.  The Archive status is populated with the following statuses:  -‘Archive requested’ if all the tags assigned to the selected version of the entity structure have the ‘Archive?’ flag set to ‘Yes’ and the tags archive status is ‘Archive requested’.  - ‘Restore requested’ if there is at least one tag of the selected version of the entity structure that has the ‘Archive?’ flag changed from ‘Yes’ to ‘No’ and the tag’s archive status is ‘Restore requested’.  By default the entity structure summary table is populated with the latest version of the entity structures that the user is allowed to access and match the filters selected by the user.  By default the components are displayed in black.  For the user that has the version of the assumption set locked/marked as being modified the system shall display the component in italics. For the other users the system shall display the components in grey when locked and with a star in front of the name when marked as being modified.  Each row in the entity structure summary table should be expandable and show the previous versions of the entity structure. (Filter applies to the previous versions as well, so the system will show only those versions that match the filters.)  If a validated entity structure has been automatically shared (shared by version) as assigned to an entity set nested in an assumption set, the users belonging to the shared geographies will only have access to the specific validated version of the entity structure which has been assigned in the nested version of the entity set. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.3.0.0 |
| From | : | lbaldacci |
| **RQ-002 The system shall display the events table in a tab of the details table in the library dashboard.** | | | |
| The system shall display the following information:  - Type: contains type of action that was performed for the entity structure.  - Version: shows the version of the entity structure after the action has been performed.  - User: userid of user who performed action.  - Local Date: date and time on which the action was performed in the local time zone of the user.  - System Date.  The system shall show the list of events that have been performed on the entity structure from version 1.0 to the selected version.  The system shall show the following events:  - Created (also if it has been created by copying another entity structure);  - Renamed;  - Modified;  - Submitted;  - Validated;  - Rejected;  - Locked/Marked for editing (marked for editing is recorded as system comment for the “locked” event);  - Shared.  Each line of the table is expandable, if expanded will show the comments entered when the action has been performed. The system shall display user and system comments. User comments are the comments entered by the user when the action was performed (when available). System comments add more details to the type of action.  This table by default is empty, the system shall populate it when a version of an entity structure in the entity structure summary table is selected.  The column System Date is by default hidden. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2.8.1 |
| From | : | lbaldacci |
| **RQ-003 The system shall display the entity structure tree in the library dashboard.** | | | |
| This table shows the tree of the entity structure.  The tree is built by parsing the entity structure tree file (refer to Appendix to BP-001 Entity Structure for the file format).  By default this table is empty. The system shall populate it when a version of an entity structure in the entity structure summary table is selected. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2.8.1 |
| From | : | lbaldacci |
| **RQ-004 The system shall display the properties table in the library dashboard.** | | | |
| This table shows all the properties associated to the entity structure:  - Name;  - Status;  - Version;  - Base Date;  - Description;  - Allowed geographies: list of user groups that can access the entity structure (owner user group and user groups the entity structure has been shared with).  - Tree file Name;  - Last modified by;  - Last modified local date: timestamp of the last event performed on the entity structure (excluding locking events);  - Last modified system date;  - Tag: if more than one, displayed as comma separated.  By default this table is empty. The system shall populate it when a version of the entity structure in the entity structure summary table is selected. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.1.0.0 |
| From | : | lbaldacci |
| **RQ-346 The system shall display the usage table in a tab of the details table in the library dashboard** | | | |
| This table shows in which assumption set, the selected version of the entity structure has been assigned to.  For each assumption set, the system shall show the following information:  - Name;  - Version;  - Description;  - Type (this column is by default hidden);  - Status.  If the selected version of the entity structure has been involved in a run of the displayed assumption set, the system shall populate the following fields:  - Last Run Local Date;  - Last Run System Date;  - Last Run Status;  - Last Run Triggered by.  By default this table is empty. The system shall populate it when a version of the entity structure in the entity structure summary table is selected.  The column Last Run System Date is by default hidden. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.2.0.0 |
| From | : | lbaldacci |
| **RQ-459 The system shall display the legal entity box at the bottom of the details table.** | | | |
| This table shows the list of legal entities assigned to a node.  By default this table is empty. The system shall populate it when a version of the entity structure in the entity structure summary table is selected and a node in the details table is selected. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |

## EST002 Create Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Post-condition | The new created entity structure is stored in the system and available to further use for the allowed users. |

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| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The system displays the entity structure dashboard.  2. The user selects the option “Create”.  3. The system displays a pop up window containing:  - Name: free text field  - Tree File: browse feature to allow the user to navigate the local drive;  - Description: free text field;  - Base date: date picker feature.  4. The user fills in the requested fields.  5. The user selects the button “Save”  6. The system stores the uploaded entity structure and updates the entity structure summary screen. |
| **Alternate 5.1** |  |
| Alternate | If the user selects the button “cancel” the system will stop processing. |
| **Alternate 6.1** |  |
| Alternate | The system shows an error message if the name of the entity structure is not unique or if the tree file is not in the correct format. |
| **Alternate 6.2** |  |
| Alternate | The system shows an error message if the name length of nodes exceeds the maximum number of characters set for the name length and/or if the name of the nodes is not unique. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-005 The system shall allow a user to create an entity structure** | | | |
| The system shall allow the user to define the following:  - Name: it is a mandatory field and has to be unique.  - Tree file: it is a mandatory field.  - Description: it is a mandatory field;  - Base Date: it is a mandatory field; the base date is used to check if the entity structure can be used or not. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2 |
| From | : | lbaldacci |
| **RQ-006 The system shall accept the entity structure tree file in text format.** | | | |
| Refer to Appendix to BP-001 Entity Structure for the file format for the checks that the system performs of the tree file. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-007 The system shall assign the version number to the entity structure.** | | | |
| The version number assigned to a new created entity structure in 1.0. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-008 The system shall assign the status to the entity structure** | | | |
| The status assigned to a new created entity structure is “In Review”. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-347 The system shall assign the owner user group to the entity structure** | | | |
| The owner user group is the user group of the user that has created the entity structure. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 1.0 |
| From | : | lbaldacci |
| **RQ-755 The system shall assign the tag to the entity structure** | | | |
| The default tag assigned to a new created entity structure is "New". | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.1.0.0 |
| From | : | smagdalina |

## EST003 Filter Entity Structures

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The library of entity structure is populated with at least an entity structure. |
| Pre-condition | The filters are enabled |
| Post-condition | Only the versions of the entity structures that match the filters applied are displayed in the entity structure summary table. |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The system displays the entity structure dashboard.  2. The user selects the option “filter”.  3. The system displays a pop up window containing the applicable filters.  4. The user enters the requested filters.  5. The user selects the button “Save”.  6. The system applies the filters to the entity structure in the library and displays only those that match the selected filters. |
| **Alternate 5.1** |  |
| Alternate | If the user selects the button “Clear” the selected filters are cleared and the system shows the complete sample of entity structures available for the user. |
| **Alternate 5.2** |  |
| Alternate | If the user selects the button “Cancel” the use case is aborted. |

### Requirements

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| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-009 The system shall allow a user to filter the entity structures by name.** | | | |
| The system shall allow the following filters:  - Includes: free text. The system will search for the exact string to be included in the entity structure name. (Example:  \*Entity1\* the system will search for all the entity structures that have in the name Entity1  Entity1\* the system will search for all the entity structure that have the name starting for Entity1  \*Entity1 the system will search for all the entity structure that have the name ending for Entity1 )  - Excludes: free text box. (Refer to previous example.) | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-010 The system shall allow the user to filter the entity structure by status** | | | |
| The system shall show the list of available status in the system. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-011 The system shall allow the user to filter the entity structure by file name** | | | |
| The system shall allow the following filters:  - Includes: free text. The system will search for the exact string to be included in the entity structure file name.  - Excludes: free text box. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-012 The system shall allow the user to filter the entity structure by last modified local date** | | | |
| The system shall show the following:  - Start date  - End Date | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2 |
| From | : | lbaldacci |
| **RQ-013 The system shall allow the user to filter the entity structure by last modified by** | | | |
| The system shall show the list of user groups. The system shall allow the user to select one or more user groups or to expand them and select one or more users with a user group. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-014 The system shall allow the user to filter the entity structure by version number** | | | |
| The system shall show allow the user to:  - enter the version number (0.0 not accepted)or  - to select the highest version number or  - to select the most recently created version number. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-348 The system shall allow the user to filter the entity structures by base date** | | | |
| The system shall show the following:  - Start date  - End Date | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 1.0 |
| From | : | lbaldacci |

## EST004 Delete Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | None of the versions of the selected entity structure is currently assigned to an entity set |
| Pre-condition | All of the versions of the selected entity structure are unlocked and not marked for editing |
| Post-condition | The selected entity structure (all its versions) is removed from the library |

|  |  |
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| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option “delete”.  3. The system displays a confirmation message.  4. The user selects the button “Delete”.  5. The system removes the selected entity structure (all its versions) from the datable and updates the entity structure summary table. |
| **Alternate 2.1** |  |
| Alternate | If the user selects the button “cancel” the use case is aborted |

### Requirements

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| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-016 The system shall allow the user to delete an entity structure** | | | |
| The system shall allow the user to delete an entity structure if none of its versions is currently assigned to an entity set and all its versions are unlocked/not market for editing. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |

## EST005 Copy Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected version of the entity structure is unlocked |
| Post-condition | A copy of the selected entity structure is created in the library |

|  |  |
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| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option "copy".  3. The system shows a pop up window containing:  - name: text field to enter the name for the copied entity structure.  4. The user selects the “copy” button.  5. The system creates a copy of the selected entity structure and assigns to it the name entered by the user. |
| **Alternate 4.1** |  |
| Alternate | If the user selects the button “cancel” the user case is aborted |
| **Alternate 5.1** |  |
| Alternate | The system shows an error message if the name assigned to the entity structure is not unique. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-017 The system shall allow the user to copy an entity structure** | | | |
| The system shall allow the user to copy the selected version of the entity structure only if it is unlocked. The system shall allow the user to enter the name for the copied entity structure. The name is a mandatory field and must be unique. The system shall copy over all the other attributes from the previous entity structure. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-018 The system shall assign status “In review” to the copied entity structure.** | | | |
|  | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-019 The system shall assign version number 1.0 to the copied entity structure.** | | | |
|  | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-350 The system shall assign the user group of the user that made the copy as owner user group of the copied entity structure.** | | | |
|  | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 1.0 |
| From | : | lbaldacci |
| **RQ-756 The system shall assign the tag to the copied entity structure** | | | |
| The default tag assigned to a copied entity structure is "New". | Status | : | Proposed |
| Priority | : | Medium |
| Phase | : | 5.1.0.0 |
| From | : | smagdalina |

## EST006 Rename Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | None of the versions of the selected entity structure is locked. |
| Pre-condition | All of the versions of the selected entity structure are in status "In Review" |
| Post-condition | The selected entity structure (all its versions) is renamed |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1.The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option “rename”.  3. The system shows a pop up window containing:  - name: text field to enter the new name for the entity structure.  4. The user selects the “rename” button.  5. The system updates the library by renaming the selected entity structure |
| **Alternate 4.1** |  |
| Alternate | If the user selects the button “cancel” the user case is aborted. |
| **Alternate 5.1** |  |
| Alternate | The system shows an error message if the name assigned to the entity structure is not unique. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-020 The system shall allow the user to rename an entity structure** | | | |
| The name is a mandatory field and has to be unique. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-021 The system shall allow the user to rename an entity structure if all its versions are in status “In Review” and not locked.** | | | |
|  | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |

## EST007 Modify Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected version of the entity structure is unlocked |
| Pre-condition | The user belongs to the user group that owns the entity structure or to a geography to which the entity structure has been manually shared with. |
| Post-condition | The entity structure is updated (if it is in status "In Review") or a new version for the entity structure is created (if it is validated or rejected) |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option “modify”.  3. If the selected version is “In Review” the system locks it to other users, if it is “Validated” or “Rejected” the system marks it as marked for editing.  4. The system displays a pop up window containing:  - Name: not modifiable;  - Tree File: browse feature to allow the user to navigate the local drive;  - Base Date;  - Description;  - Comment: free text for comments.  5. The user fills in the requested fields.  6. The user selects the button “save”.  7. The system creates a new version of the entity structure and updates the entity structure summary screen.  8. The system unlocks/remove the mark to the version. |
| **Alternate 2.1** |  |
| Alternate | The system will show a warning message if the selected version of the entity structure is marked as being edited. |
| **Alternate 4.2** |  |
| Alternate | The system will show an error message if the user modifies a node of the tree file that was used as root node for the calculation of a testing assumption set. |
| **Alternate 6.1** |  |
| Alternate | If the user selects the button “cancel” the user case is aborted and the selected version of the entity structure is unlocked if the status is “In Review” or unmarked as being edited if the status is “Rejected” or “Validated”. |
| **Alternate 6.2** |  |
| Alternate | If the combination of attributes has been chosen in an existing version of the entity structure, the system displays a warning message asking the user if a new version should be created. |
| **Alternate 6.3** |  |
| Alternate | The system will show an error message if the user modifies a node of the tree file where nesting has been done within a calculation assumption set. |
| **Alternate 6.4** |  |
| Alternate | The system shows an error message if the node name of the entity structure exceeds the maximum number of characters set for the name length and/or the name of the node is not unique. |
| **Alternate 6.5** |  |
| Alternate | If the selected version of the entity structure is in status “In Review”, the system shows a warning message informing the user that if he will proceed with his action, the system will invalidate the assumption set runs that are using the selected version of the entity structure. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-022 The system shall allow the user to modify any version of an entity structure** | | | |
| The system shall allow the user to modify:  - Tree file:not modifiable if the entity structure has a nested node;  - Base Date;  - Description.  The system shall allow the user to enter a comment (not mandatory).  All the changes performed on the entity structure with status in "In Review" will be reflected also in the entity set where it was assigned. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2 |
| From | : | lbaldacci |
| **RQ-023 The system shall create a new version of the entity structure if the modified version is validated or rejected** | | | |
| If the selected version of the entity structure is in status “In Review” the system should not update the version number. In this case the system shall lock the version to the other users.  If the selected version of the entity structure is validated or rejected the system shall mark the version as edited and create a new version increasing the version number according to the following rules:  - If the tree and/or the base date is changed, increase the version to next natural number.  - If anything else is changed increase the version number of 0.1.  If the version number that should be created already exists, the system shall create use the next available number.  (Example: versions 1.0, 1.1, 1.2, 1.3, 1.4, 2.0, 2.1, 3.0 exist in the system and the user modifies version 1.1. The system will create version 1.5 or 4.0 depending of what is modified).  When a new version is created by modifying a validated entity structure version, the system shall assign the default ‘New’ tag to the new version created. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.1.0.0 |
| From | : | lbaldacci |
| **RQ-024 The system shall assign status “In Review” to the new version of the entity structure** | | | |
|  | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-675 When the modified entity structure is "In Review" the changes are reflected in the assumption sets the entity structure is assigned to** | | | |
| If the entity structure is in status "In Review" and it is used in an assumption set the system shall change the status of the assumption set runs to "Invalidated”.  If the entity structure is in status “In Review” and it is assigned to an entity set that it is used in a calculation assumption set and/or an assumption set marked as “same as”, the system shall change to “Invalidated” the runs triggered from the nodes of the modified entity structure and the runs triggered from the direct parents and grandparents nodes. The system should not invalidate the runs triggered from lower hierarchical levels nested on the entity set that uses the modified entity structure.  The system shall:  -cancel the runs before processing and remove them from the queue, if the modification occurs while the run is queued and the status of the selected runs is “Queued”.  -invalidate the run only after the run is completed, if the modification occurs during the “Processing” status of the run.  -change the status from “Completed” to “Invalidated” for completed runs.  If the run to be invalidated was triggered through the ‘Run Stoch & CS’ batch, the system shall invalidate also the associated Critical Scenario run which was triggered as part of the same batch run.  Saving with the same attributes, modifying the description or adding comments will not change the status of the runs. | Status | : | Approved |
| Priority | : | Medium |
| Phase | : | 5.2.0.0 |
| From | : | smagdalina |

## EST008 Validate Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected version of the entity structure is in status "In Review" |
| Pre-condition | The selected version of the entity structure is unlocked. |
| Pre-condition | The logged in user is different from the "Last modified by" user. |
| Post-condition | A selected entity structure is in status "Validated" |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option “validate”.  3. The system displays a pop up window containing:  - Comments: free text format field  - Upload file: browse feature  4. The user fills in the requested fields.  5. The user selects the “validate” button.  6. The system changes the status of the selected entity structure in “validated” status and updates the summary table. |
| **Alternate 5.1** |  |
| Alternate | If the user selects the button “cancel” the user case is aborted. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-025 The system shall allow the user to validate an entity structure in status "In review" and unlocked.** | | | |
| The system shall change the status of the entity structure from “In Review” to “Validated”. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | PoC |
| From | : | lbaldacci |
| **RQ-026 The system shall allow the user to upload a file and/or to enter a comment.** | | | |
| Both the upload of the validation report and entering comments are optional. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.4 |
| From | : | lbaldacci |
| **RQ-351 The system shall not allow the last user who has modified the version of the entity set to validate it.** | | | |
|  | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 1.0 |
| From | : | lbaldacci |
| **RQ-352 The system shall accept a validation report in any format.** | | | |
| The system shall not perform any checks on the content of the file. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2 |
| From | : | lbaldacci |

## EST009 Reject Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected version of the entity structure is status "In Review". |
| Pre-condition | The selected version of the entity structure is unlocked. |
| Post-condition | The selected version of the entity structure is in status "Rejected" |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1.The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option “Reject”.  3. The system displays a pop up window containing:  - Comments: free text format field  4. The user fills in the requested fields.  5. The user selects the “Reject” button.  6. The system changes the status of the selected entity structure in “Rejected” status and updates the summary table. |
| **Alternate 5.1** |  |
| Alternate | If the user selects the button “cancel” the user case is aborted. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-027 The system shall allow the user to reject an entity structure in status "In Review" and unlocked** | | | |
| The system shall change the status of the entity structure from “In Review” to “Rejected”. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |
| **RQ-028 The system shall allow the user to enter a comment.** | | | |
| The comment is mandatory. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |

## EST010 Submit Entity Structure to Entity Set

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected version of the entity structure is in status "In Review" or "Validated" |
| Pre-condition | The selected version of the entity structure is unlocked |
| Post-condition | The new entity set is created in the system. |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option “Submit”.  3. The system displays a pop up window containing:  - New entity set: set of fields to allow the creation of an entity set;  4. The user fills in the requested fields.  5. The user selects the “Submit” button.  6. The system stores the data. |
| **Alternate 5.1** |  |
| Alternate | If the user selects the button “cancel” the use case is aborted. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-353 The system shall allow the user to submit a version of an entity structure in status "In Review" or "Validated" to an new entity set and create it on the fly** | | | |
| The selected version has to be unlocked.  The system shall allow the user to enter:  - Name: it is a mandatory field, must be unique;  - Description: it is a mandatory field;  - Base date: it is a mandatory field;  - Tag: set to ‘New’ by default. Dropdown feature containing the tags created in the system that have been made available for filter. The user can assign a different tag from the defaulted one. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.1.0.0 |
| From | : | lbaldacci |
| **RQ-757 The system shall assign the entity set tag to the submitted entity structure** | | | |
| The system shall assign the entity set tag to the submitted entity structure, only if the entity structure does not hold the tag already.  The system shall mark for archiving the entity structure if the tag of the entity set is marked to be archived and if:  - the tag is the only tag assigned to the entity structure;  -if the other tags assigned to the entity structure are all marked as ‘Archive requested’.  The system shall not change the Archive status of the entity structure if there is at least one tag assigned to the component which has the ‘Archive?’ option set to ‘No’.  The system shall mark for restoring the entity structure if the tag of the entity set is marked as 'Restore requested'. | Status | : | Proposed |
| Priority | : | Medium |
| Phase | : | 5.1.0.0 |
| From | : | smagdalina |

## EST011 Download Validation Report of an Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected version of the entity structure is in status "Validated" or "Rejected" |
| Pre-condition | A validation report has been provided by the user upon validation of the entity structure. |
| Post-condition | The validation report is available for the user |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option “Download validation Report”.  3. The system displays a confirmation message.  4. The user select the button “Download”  5. The browser takes over. |
| **Alternate 4.1** |  |
| Alternate | If the user selects the button “cancel” the use case is aborted. |
| **Alternate 5.1** |  |
| Alternate | The system display an error message if the selected version of the entity structure does not have a validation report uploaded. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-355 The system shall allow the user to download the validation report uploaded for a validated versions of an entity structure** | | | |
| The system shall provide the user with the file in the same format it has been uploaded. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2 |
| From | : | lbaldacci |
| **RQ-876 The system shall disable the Download validation Report option if the entity structure has been validated without providing the validation report** | | | |
| The system shall display to the user a tooltip message informing that the entity structure has been validated without the upload of the validation report. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.4.6 |
| From | : | ikovacs |

## EST012 Assign Geographies to Entity Structure Nodes

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected version of the entity strucuture is unlocked |
| Pre-condition | The user belongs to the user group that owns the entity structure or to a geography to which the entity structure has been manually shared with. |
| Post-condition | The selected geography is associated with the node of the Entity Structure |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an Entity Structure  2. The user right clicks to select a node of the Entity Structure tree.  3. If the Entity Structure has status "In Review", the system locks the Entity Structure; if it is “Validated” the system marks it as marked for editing  4. The user selects the option “Assign geographies”  5. The system displays the complete list of geographies  6. The user selects the geography.  7. The user selects the option "Save".  8. The system updates the version of the Entity Structure without any version change and the summary table.  9. The system unlocks/removes the mark to the version. |
| **Alternate 7.1** |  |
| Alternate | If the user clicks the button "Cancel" the use case is aborted. |
| **Alternate 8.1** |  |
| Alternate | The system shows a warning if a component is marked as being modified. |
| **Alternate 8.2** |  |
| Alternate | The system shows an error message if the user modifies the geography of a node to which is currently associated a nesting. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-356 The system shall allow the user to assign geographies to nodes of an unlocked Entity Structure** | | | |
| The system should get the list of the geographies from the user groups hierarchy upload in the system: each node name in the hierarchy is one geography.  The system shall display to the user all the geographies that are available in the system. The system displays as greyed out the higher level geographies, which the user cannot select. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.2.0.0 |
| From | : | lbaldacci |
| **RQ-358 The system shall allow only one geography to each node.** | | | |
| If a geography is already assigned to a selected node, the system shall overwrite the previous one.  The system shall not allow to modify the geography of a node if the selected entity structure is associated to an assumption set and an entity set has been nested in that node. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 1.0 |
| From | : | lbaldacci |
| **RQ-526 The system shall not allow the user to assign geographies that are on a higher level as his own geography in the system hierarchy** | | | |
| The user can only assign to the selected node one of the geographies that is on the same depth level as his geography or below his geography.  The system shall allow for example:  When the hierarchy is G1 and G2 as cousin nodes (i.e. they are LBUs each associated to a different BU), G1 can be assigned in the entity structure as to allow nesting of an entity set from G2 and vice versa.  The system shall not allow a geography to be assigned to a node on an entity structure owned by a geography where:  - the geography to be assigned is the next level up or further on the hierarchy from the geography. This includes the BU (Parent) or uncles (BUs on the same level as the geographies parent BU) or the grandparent etc of the owner geography.  The system shall grey out the geographies, which the user cannot assign to the node. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.2.0.0 |
| From | : | lbaldacci |
| **RQ-527 The system shall assign the geography of the owner user to the root node of the entity set.** | | | |
|  | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |

## EST013 Download Tree File of an Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The library of entity structure is populated with at least one entity structure. |
| Post-condition | The tree file is available for the user. |

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| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1.The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option “Download tree file”.  3. The system displays a confirmation message.  4. The user select the button “Download”  5. The browser takes over. |
| **Alternate 4.1** |  |
| Alternate | If the user selects the button “cancel” the use case is aborted. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-446 The system shall allow the user to download the tree file associated to a version of an entity structure** | | | |
| The system will provide the user with a .agg file containing only the columns that describe the tree (only 2 columns). | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |

## EST014 Modify Tree of an Entity Structure on screen

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected version of the entity structure is unlocked |
| Pre-condition | The user belongs to the user group that owns the entity structure or to a geography to which the entity structure has been manually shared with. |
| Post-condition | The entity structure is updated (if it is in status "In Review")or a new version for the entity structure is created (if it is validated or rejected) |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an entity structure in the entity structure summary table.  2. The user selects the option “modify” in the detail screen.  3. If the selected version is “In Review” the system locks it to other users, if it is “Validated” or “Rejected” the system marks it as marked for editing.  4. The system allows the user to add/delete/rename and move nodes (see use cases EST015, EST016, EST017, EST018)  5. The system updated the selected version of the entity set or creates a new version and updates the entity structure summary screen.  6. The system unlocks/remove the mark to the version. |
| **Alternate 2.1** |  |
| Alternate | The system will show a warning message if the selected version of the entity structure is marked as being edited. |
| **Alternate 4.1** |  |
| Alternate | The system will show an error message if the user modifies a node of the tree file where nesting has been done within a calculation assumption set. |
| **Alternate 4.2** |  |
| Alternate | The system will show an error message if the user modifies a node of the tree file that was used as root node for the calculation of a testing assumption set. |
| **Alternate 4.3** |  |
| Alternate | If the selected version of the entity structure is in status “In Review”, the system shows a warning message informing the user that if he will proceed with his action, the system will invalidate the assumption set runs that are using the selected version of the entity structure. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-447 The system shall allow the user to modify the tree of any version of an entity structure** | | | |
| The system shall allow the user to add, delete, rename and move nodes.  The system shall not allow the user to delete, rename and move nested nodes. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.1.8 |
| From | : | lbaldacci |
| **RQ-448 The system shall create a new version of the entity structure if the modified version is validated or rejected** | | | |
| If the selected version of the entity structure is validated or rejected the system shall mark the version as edited and create a new version increasing the version number to next natural number.  If the version number that should be created already exists, the system shall create the next available number.  (Example: versions 1.0, 1.1, 1.2, 1.3, 1.4, 2.0, 2.1, 3.0 exist in the system and the user modifies version 1.1. The system will create version 1.5 or 4.0 depending of what is modified). | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |
| **RQ-449 The system shall assign status “In Review” to the new version of the entity structure** | | | |
|  | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |
| **RQ-450 The system shall create a new version of the tree file associated to entity structure** | | | |
| If the name of the original file name includes the version, the system shall increase it to the next natural number. If the original file name does not include the version the system shall append the \_v2.0 to the original name. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |
| **RQ-676 When the modified entity structure is "In Review" the changes are reflected in the assumption sets the entity structure is assigned to** | | | |
| If the entity structure is in status "In Review" and it is used in a testing assumption set, the system shall change the status of the assumption set run to "Invalidated”.  If the entity structure is in status “In Review” and it is assigned to an entity set that it is used in a calculation assumption set and/or an assumption set marked as “same as”, the system shall change to “Invalidated” the runs triggered from the nodes of the modified entity structure and the runs triggered from the direct parents and grandparents nodes.  The system should not invalidate the runs triggered from lower hierarchical levels nested on the entity set that uses the modified entity structure.  The system shall:  -cancel the runs before processing and remove them from the queue, if the modification occurs while the run is queued and the status of the selected runs is “Queued”.  -invalidate the run only after the run is completed, if the modification occurs during the “Processing” status of the run.  -change the status from “Completed” to “Invalidated” for completed runs.  If the run to be invalidated was triggered through the ‘Run Stoch & CS’ batch, the system shall invalidate also the associated Critical Scenario run which was triggered as part of the same batch run.  Saving with the same attributes or adding comments will not change the status of the runs. | Status | : | Approved |
| Priority | : | Medium |
| Phase | : | 5.2.0.0 |
| From | : | smagdalina |

## EST015 Add Nodes to the Tree of an Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | Use case EST014 is executed until point 4. |
| Pre-condition | The user belongs to the user group that owns the entity structure or to a geography to which the entity structure has been manually shared with. |
| Post-condition | The node is added to the entity structure tree |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | From point 4 of use case EST014.  1. The user selects a node.  2. The user selects the option “add”.  4. The system displays a pop up window containing the following information:  - Name: free text field  5. The user enters the requested fields.  6. The user selects the option “Save”.  7. The system creates the requested node as child of the selected one.  Back to point 5 of use case EST014. |
| **Alternate 6.1** |  |
| Alternate | If the user selects the button “cancel” the user case is aborted and the selected version of the entity structure is unlocked if the status is “In Review” or unmarked as being edited if the status is “Rejected” or “Validated”. |
| **Alternate 6.2** |  |
| Alternate | The system displays an error message if the names of the nodes are not unique and/or the name length exceeds the maximum number of characters set for the name length. |
| **Alternate 6.3** |  |
| Alternate | If the selected version of the entity structure is in status “In Review”, the system shows a warning message informing the user that if he will proceed with his action, the system will invalidate the assumption set runs that are using the selected version of the entity structure. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-452 The system shall allow the user to add nodes to the entity structure tree.** | | | |
| The system shall allow the user to create a new node as child of the selected one. The name is a mandatory field, must be unique and the name length shall not exceed the maximum number of characters set for the name length. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2 |
| From | : | lbaldacci |
| **RQ-677 When the modified entity structure is "In Review" the changes are reflected in the assumption sets the entity structure is assigned to** | | | |
| If the entity structure is in status "In Review" and it is used in a testing assumption set the system shall change the status of the assumption set run to "Invalidated”.  If the entity structure is in status “In Review” and it is assigned to an entity set that it is used in a calculation assumption set and/or an assumption set marked as “same as”, the system shall change to “Invalidated” the runs triggered from the nodes of the modified entity structure and the runs triggered from the direct parents and grandparents nodes.  The system should not invalidate the runs triggered from lower hierarchical levels nested on the entity set that uses the modified entity structure.  The system shall:  -cancel the runs before processing and remove them from the queue, if the modification occurs while the run is queued and the status of the selected runs is “Queued”.  -invalidate the run only after the run is completed, if the modification occurs during the “Processing” status of the run.  -change the status from “Completed” to “Invalidated” for completed runs.  If the run to be invalidated was triggered through the ‘Run Stoch & CS’ batch, the system shall invalidate also the associated Critical Scenario run which was triggered as part of the same batch run.  Saving with the same attributes or adding comments will not change the status of the runs. | Status | : | Approved |
| Priority | : | Medium |
| Phase | : | 5.2.0.0 |
| From | : | smagdalina |

## EST016 Rename Nodes of the Tree of an Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected node is not a node that was nested within a calculation assumption set. |
| Pre-condition | Use case EST014 is executed until point 4. |
| Pre-condition | The user belongs to the user group that owns the entity structure or to a geography to which the entity structure has been manually shared with. |
| Post-condition | The selected node of the tree is renamed |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | From point 4 of use case EST014.  1. The user selects a node.  2. The user selects the option “rename”.  4. The system displays a pop up window containing the following information:  - Name: free text field  5. The user enters the requested fields.  6. The user selects the option “Save”.  7. The system saves the data.  Back to point 5 of use case EST014. |
| **Alternate 6.1** |  |
| Alternate | If the user selects the button “cancel” the user case is aborted and the selected version of the entity structure is unlocked if the status is “In Review” or unmarked as being edited if the status is “Rejected” or “Validated”. |
| **Alternate 6.2** |  |
| Alternate | The system displays an error message if the names of the nodes are not unique and/or the name length exceeds the maximum number of characters set for the name length. |
| **Alternate 6.3** |  |
| Alternate | The system will show an error message if the user renames a node of the tree file that was used as root node for the calculation of a testing assumption set. |
| **Alternate 6.4** |  |
| Alternate | If the selected version of the entity structure is in status “In Review”, the system shows a warning message informing the user that if he will proceed with his action, the system will invalidate the assumption set runs that are using the selected version of the entity structure. |

### Requirements

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| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-453 The system shall allow the user to rename nodes of the entity structure tree.** | | | |
| The name is a mandatory field and must be unique and the name length shall not exceed the maximum number of characters set for the name length. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2 |
| From | : | lbaldacci |
| **RQ-678 When the modified entity structure is "In Review" the changes are reflected in the assumption sets the entity structure is assigned to** | | | |
| If the entity structure is in status "In Review" and it is used in a testing assumption set, the system shall change the status of the assumption set run to "Invalidated”.  If the entity structure is in status “In Review” and it is assigned to an entity set that it is used in a calculation assumption set and/or an assumption set marked as “same as”, the system shall change to “Invalidated” the runs triggered from the nodes of the modified entity structure and the runs triggered from the direct parents and grandparents nodes. The system should not invalidate the runs triggered from lower hierarchical levels nested on the entity set that uses the modified entity structure.  The system shall:  -cancel the runs before processing and remove them from the queue, if the modification occurs while the run is queued and the status of the selected runs is “Queued”.  -invalidate the run only after the run is completed, if the modification occurs during the “Processing” status of the run.  -change the status from “Completed” to “Invalidated” for completed runs.  If the run to be invalidated was triggered through the ‘Run Stoch & CS’ batch, the system shall invalidate also the associated Critical Scenario run which was triggered as part of the same batch run.  Saving with the same attributes or adding comments will not change the status of the runs. | Status | : | Approved |
| Priority | : | Medium |
| Phase | : | 5.2.0.0 |
| From | : | smagdalina |

## EST017 Delete Nodes from the Tree of an Entity Structure

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected node is not a node that was nested within a calculation assumption set. |
| Pre-condition | The selected node is not a node that has nested children within a calculation assumption set. |
| Pre-condition | Use case EST014 is executed until point 4. |
| Pre-condition | The user belongs to the user group that owns the entity structure or to a geography to which the entity structure has been manually shared with. |
| Post-condition | The selected node is deleted |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | From point 4 of use case EST014.  1. The user selects a node.  2. The user selects the option “delete”.  4. The system displays a pop up window containing a confirmation message  5. The user selects the option “yes”  6. The system removes the selected node and all its children from the tree.  Back to point 5 of use case EST014. |
| **Alternate 5.1** |  |
| Alternate | If the user selects option “No” the system returns to point 5 of use case EST014 without deleting the node. |
| **Alternate 5.2** |  |
| Alternate | The system will show an error message if the user deletes a node of the tree file that was used as root node or/and if the selected node has children that were used as root nodes for the calculation of a testing assumption set. |
| **Alternate 5.3** |  |
| Alternate | If the selected version of the entity structure is in status “In Review”, the system shows a warning message informing the user that if he will proceed with his action, the system will invalidate the assumption set runs that are using the selected version of the entity structure. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-454 The system shall allow the user to delete nodes of the entity structure tree.** | | | |
| The system shall allow the user to delete a node and all its children.  The system shall not allow the user to delete a node where nesting has been performed and/or nodes with nested children. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.1.8 |
| From | : | lbaldacci |
| **RQ-679 When the modified entity structure is "In Review" the changes are reflected in the assumption sets the entity structure is assigned to** | | | |
| If the entity structure is in status "In Review" and it is used in a testing assumption set, the system shall change the status of the assumption set run to "Invalidated”.  If the entity structure is in status “In Review” and it is assigned to an entity set that it is used in a calculation assumption set and/or an assumption set marked as “same as”, the system shall change to “Invalidated” the runs triggered from the nodes of the modified entity structure and the runs triggered from the direct parents and grandparents nodes. The system should not invalidate the runs triggered from lower hierarchical levels nested on the entity set that uses the modified entity structure.  The system shall:  -cancel the runs before processing and remove them from the queue, if the modification occurs while the run is queued and the status of the selected runs is “Queued”.  -invalidate the run only after the run is completed, if the modification occurs during the “Processing” status of the run.  -change the status from “Completed” to “Invalidated” for completed runs.  If the run to be invalidated was triggered through the ‘Run Stoch & CS’ batch, the system shall invalidate also the associated Critical Scenario run which was triggered as part of the same batch run.  Saving with the same attributes or adding comments will not change the status of the runs. | Status | : | Approved |
| Priority | : | Medium |
| Phase | : | 5.2.0.0 |
| From | : | smagdalina |

## EST018 Move Nodes in the Tree of an Entity Structure

The Use Case is no longer valid and has been deleted.

## EST019 Assign Legal Entities to the Entity Structure Nodes

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The selected version of the entity structure is unlocked |
| Pre-condition | The user belongs to the user group that owns the entity structure or to a geography to which the entity structure has been manually shared with. |
| Post-condition | The selected legal entity is associated with the node of the Entity Structure |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an Entity Structure.  2. The user right clicks on a node of the Entity Structure tree.  3. If the Entity Structure has status "In Review", the system locks the Entity Structure; if it is “Validated” or “Rejected” the system marks it as marked for editing.  4. The user selects the option “Assign Legal Entities”  5. The system displays the list of available Legal Entities  6. The user selects the legal entities.  7. The user selects the option "Save".  8. If the Entity Structure has status "In Review", the system updates the same version and the summary table; if it is “Validated” or “Rejected” the system creates a new version and updated the summary table.  9. The system unlocks/removes the mark to the version. |
| **Alternate 3.1** |  |
| Alternate | The system shows a warning message if a component is marked as being modified. |
| **Alternate 6.1** |  |
| Alternate | If the user clicks the button "Cancel" the use case is aborted. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-456 The system shall allow the user to assign legal entities to nodes of an unlocked Entity Structure** | | | |
| The system shall display the available legal entities. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |
| **RQ-457 The system shall create a new version of the Entity Structure if the legal entities are (re)-assigned and the Entity Structure has the status "Validated" or "Rejected"** | | | |
| If the selected version of the Entity Structure has the status "In Review" it will be updated without changing the version number. The changes will be reflected in the entity set it is assigned to.  If the Entity Structure is in status “Validated” or “Rejected” the system shall create a new version by increasing the version number of +0.1. The new version will have the status "In Review". | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |
| **RQ-458 The system shall allow any number of legal entities per node.** | | | |
|  | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |

## EST020 Share Entity Structure with Other Geographies

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Pre-condition | The entity structure library is populated with at least one entity structure |
| Pre-condition | The user belongs to the owner user group. |
| Post-condition | All the versions of the selected entity structure are shared with the selected geographies. |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an Entity Structure.  2. The user selects the option “Share”.  3. The system shows the list of geographies available in the system.  4. The user selects one or more geographies.  5. The user selects the option "Save".  6. The system makes all the version of the selected entity structure accessible to the users of the selected geographies. |
| **Alternate 5.1** |  |
| Alternate | If the user clicks the button "Cancel" the user case is aborted. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-460 The system shall allow the user to share an entity structure (all its versions) with other geographies.** | | | |
| The system should display the available geographies in the system (taken from the uploaded hierarchy) and allow the user to select one or more.  The geography of the owner user group is always selected and cannot be deselected. If the entity structure has been used by another geography, this geography cannot be deselected. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.0 |
| From | : | lbaldacci |

## EST021 Download Entity Structure Events table

Entity Structure

### Use Case

|  |  |
| --- | --- |
| **Constraints** | |
| Post-condition | The event table is available for the user in the requested file format. |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of the entity structure in the entity structure summary table.  2. The user selects the option "Download" in the event table.  3. The system displays a pop up window with the available file formats.  4. The user selects the file format.  5. The user selects the button "Download".  6. The browser takes over. |
| **Alternate 5.1** |  |
| Alternate | If the user selects the button "cancel" the use case is aborted. |

### Requirements

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| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-556 The system shall allow the user to download the event table in excel, csv or .pdf format** | | | |
| The system shall provide the user with a file that has the following tabular format:  - Type of event;  - Version;  - User;  - Local date;  - System date;  - System comments;  - User comments.  The order of the first 5 columns and the sorting should reflect the order and sorting defined on screen (if any of the column is hidden, it should be excluded from the file).  The system shall add an header row to the file with the following information:  <Entity Structure> name of the entity structure, <V> version number of the entity structure. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 3.2 |
| From | : | smagdalina |

## EST022 Mark as nesting node

Entity Structure

### Use Case

|  |  |  |
| --- | --- | --- |
| **Constraints** | | |
| Pre-condition | | The selected version of the entity structure is unlocked. |
| Pre-condition | | The selected node does not have a geography assigned. |
| Pre-condition | | The selected node is not root node of entity structure. |
| Pre-condition | | The selected node is not marked as nesting node. |
| Pre-condition | | The user belongs to the user group that owns the entity structure or to a geography to which the entity structure has been manually shared with. |
| Post-condition | | Node is marked as nesting node. |
| Post-condition | | Marked as nesting node is available for nesting. | |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an Entity Structure.  2. The user right clicks to select a node of the Entity Structure tree.  3. The user selects the option “Mark as nesting node”  4. The system displays a message “Node was successfully marked as nesting node”.  5.The selected node is marked as nesting node.  6. The system updates the version of the Entity Structure (without any version change). |
| **Alternate 3.1** |  |
| Alternate | The option “Mark as nesting node” is disabled if a node already has a geography assigned. |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirements** | | | |
| **RQ-2231 The system shall allow the user to mark nodes of an unlocked Entity Structure** **for nesting.** | | | |
| If the entity structure is locked, the option “mark as nesting node” is disabled. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 5.2.0.0 |
| From | : | lbaldacci |
| **RQ-2232 The system shall not allow to mark root node of an entity structure as nesting node.** | | | |
| System shall not allow the user to mark root node of an entity structure as a nesting node. | Status | : | Implemented |
| Priority | : | Medium |
| Phase | : | 1.0 |
| From | : | lbaldacci |

## EST023 Unmark node as nested

Entity Structure

### Use Case

|  |  |
| --- | --- |
| Pre-condition | The selected version of the entity structure is unlocked |
| Pre-condition | The selected node is marked as nesting node. |
| Pre-condition | The selected node does not have an entity set nested onto the associated assumption set. |
| Pre-condition | The user belongs to the user group that owns the entity structure or to a geography to which the entity structure has been manually shared with. |
| Post-condition | The selected node is unmarked as nesting node. |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Path** |  |
| Basic Path | 1. The user selects a version of an Entity Structure  2. The user right clicks to select a node which is marked as nesting node  3. System displays menu options.  4. The user selects the option “Unmark as nesting node”  5. The system displays a message “Node was successfully unmarked as nesting node”.  6.The selected node is un-marked as nesting node.  7. The system updates the version of the Entity Structure without any version change. |
| **Alternate 4.1** |  |
| Alternate | The menu option “Unmark as nesting node” is disabled:   * if node has an entity set nested onto the associated assumption set (i.e. nesting is complete for the node.) |

### Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **RQ-2233 The system shall allow the user to unmark a node as nesting node.** | | | |
| System shall allow the user to unmark a node as nesting node:   * if the entity structure is unlocked. * if node has an no entity set nested in the associated assumption set i.e. nesting is not complete on the node. | **Status** | : | **Closed** |
| **Type** | : | **Functional** |
| **Phase** | : | **6.1.0.0** |
| **From** | : | **Irram Sherwani** |

# Appendices

## Entity Structure Tree File

The entity structure tree file should be a text file. The system will accept the extensions .agg and .txt.

The file has to be in the following format::

1st row - [aggregation]

2nd row: “Root name”, “”

From 3rd row to end: “Node name”, “Parent Name”

Example:

[aggregation]

"PruGroup",""

"UKIO","PruGroup"

"UKIO\_Annuities","UKIO"

"UKIO\_WP","UKIO"

"PCA","PruGroup"

"Singapore","PCA"

"Singapore\_WP","Singapore"

"SAIF","UKIO\_WP"

"non\_PAL","UKIO\_WP"

The file can contain more columns, the system will consider only the first 2 but will not reject the file.

The order of the rows after the 3rd row can be not sorted in the logical hierarchy structure.

The system will stop processing when an empty row is encountered.

The system will stop processing and display and error message in the following cases:

- if the file includes 2 root nodes;

- if the file is blank;

- if there is a duplicate row;

- if no nodes are included in the file.

## Legal Entities List

|  |
| --- |
| Prudential Vietnam Assurance Private Limited |
| Prudential Singapore Holdings Pte Limited |
| Prudential Assurance Company Singapore (Pte) Limited |
| Pru Life Insurance Corporation of UK |
| Staple Limited |
| Prudential Life Assurance (Thailand) Public Company Limited |
| PT Prudential Life Assurance |
| Prudential Hong Kong Limited |
| The Prudential Assurance Company Limited |
| Prudential Lifetime Mortgages Limited |
| Prudential Retirement Income Limited |
| Prudential Pensions Limited |
| Prudential Health Holdings Limited |
| Prudential Health Limited |
| Prudential Protect Limited |
| Prudential International Assurance plc |
| Prudential Financial Services Limited |
| Prudential Property Services Limited |
| Prudential PLC |
| Prudential Group Holdings Limited |
| Prudential Holdings Limited |
| Prudential Corporation Holdings Limited |
| Prudential Four Limited |
| UK Partnership |
| M&G Group Limited |
| Prudential Capital Holding Company Limited |