**F-001421 "VM: Breakdown Items to contain fixed content"**



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# Overview

List of user stories which are described in the test suite, acceptance tests and lists of covered checks:

**I-010608 "Fixed content + components in breakdown item"**

**Acceptance Criteria:**

* There is "Contents" tab in breakdown item.
* "Contents" tab should be displayed as third tab in breakdown item ("Breakdown Items", "Breakdown Structure", "Contents").
* Verify that user can pick fixed content (Parts and Documents) in "Contents" tab.
* Verify that user can pick Components in "Contents" tab.
* Verify that user can create fixed content or Component in "Contents" tab.
* Verify that user can remove fixed content and Components in "Contents" tab.
* Verify that added Fixed content and Components are displayed in Breakdown Structure tab.
* Verify that there is "Sequence" column.
* Verify that user can set Sequence for fixed content and components.
* Verify that Fixed Contents and Components are displayed in resolved structure according to sequence.
* IF multi-level breakdown Structure contains fixed content and components on different level of structure THEN Fixed content and Components (with their assets) are displayed in multi-level breakdown structure in Breakdown Structure tab.
* GIVEN user added fixed content and Components in "Contents" tab of breakdown item; WHEN user click on Resolve button in resolution sidebar tab of breakdown item THEN Structure with Fixed content and Components assets (without Component) is displayed in Resolved structure.
* GIVEN user added fixed content and Components in "Contents" tab of breakdown items for multi-level breakdown Structure; WHEN user click on Resolve button in resolution sidebar tab THEN Fixed Content and Components assets (without Component) are displayed on all levels of Resolved multi-level structure.

Steps highlighted in yellow are covered with component tests.

Steps highlighted in green are covered with selenium tests.

Steps highlighted in blue are covered with integration tests.

Steps highlighted in orange are covered with unit tests.

# Functional Tests

## Fixed content + components in breakdown item

|  |  |
| --- | --- |
| **Test#:** | F-001421-01 |
| **Purpose:** | To test Fixed content and components in breakdown item |
| **Original requirements:** | [I-010608 "Fixed content + components in breakdown item"](https://myinnovator.com/?StartItem=sa_Issue:2BB845DA0CF74D1EB2ADEB135AAD96F5) |
| **Execute** | Yes |
| **Setup** | Load Sample Data  Login as admin |
| ***There is "Contents" tab in breakdown item.***  ***"Contents" tab should be displayed as third tab in breakdown item ("Breakdown Items", "Breakdown Structure", "Contents", “Default Variability”).***   * 1. Go to **Variant Management -> Breakdown Item** -> Click **Create New Breakdown Item**      1. Confirm that there is **Content** tab in opened item      2. Confirm that **Content** tab is the third tab   ***Verify that there is "Sequence" column.***   * 1. Go to **Content** tab      1. Confirm that there is "Sequence" column   ***Verify that user can pick fixed content (Parts and Documents) in "Contents" tab.***  ***Verify that user can pick Components in "Contents" tab.***  ***Verify that user can create fixed content or Component in "Contents" tab.***   * 1. Сlick **Add Components** in **Content** tab      1. Confirm that there are Parts, Documents and Components in search dialog   2. Select “Part” in Item Type field in Search dialog -> search *BB-9090* and *BB-9091* (Part Number column) -> OK   3. Сlick **Add Components** -> Select documents and variable component in Search dialog -> pick them:   Documents (Document Number): *UM*  Variable Component (Code column): *C023* *Shifter*   * + 1. Confirm that Parts, Document and Component can be successfully added in **Content** tab   1. Click **New Component**   2. Chose **Part** in the appeared dialog -> OK   3. Enter *Part Number*: Part01   4. **Done** and close part   5. Enter for Breakdown Item next properties:   *Code*:1  *Name*: Test1   * 1. **Save** item   ***Verify that user can set Sequence for fixed content and components.***   * 1. Change Sequence for AI-01, BB-9091 and *Shifter.* New values:   *UM*: 12  *BB-9091*: 201  *C023 Shifter*: 200   * + 1. Confirm that user can set Sequence for fixed content and components   1. **Save** item   ***Verify that added Fixed content and Components are displayed in Breakdown Structure tab.***   * 1. Go to **Breakdown Structure** tab      1. Confirm that added fixed content and Component are displayed in **Breakdown Structure** tab     ***GIVEN user added fixed content and Components in "Contents" tab of breakdown item; WHEN user click on Resolve button in resolution sidebar tab of breakdown item THEN Structure with Fixed content and Components assets (without Component) is displayed in Resolved structure.***   * 1. Go to **Resolution** tab   2. Click **Resolve**      1. Confirm that structure with Part, Document and Components assets which were added to breakdown item are displayed in resolved structure     ***Verify that Fixed Contents and Components are displayed in resolved structure according to sequence.***   * + 1. Confirm that Fixed Contents and Components are displayed in resolved structure according to sequence (see image)   1. **Done** and Close item   ***IF multi-level breakdown Structure contains fixed content and components on different level of structure THEN Fixed content and Components (with their assets) are displayed in multi-level breakdown structure in Breakdown Structure tab.***   * 1. Go to **Variant Management -> Breakdown Item** -> Click **Create New Breakdown Item**   2. Enter for Breakdown Item next properties:   *Code*:2  *Name*: Test2   * 1. Go to **Contents** tab and click **Add Components**   2. Pick   Part (Part Number column): *CA-3191*  Document (Document Number column): *UM*  Variable Component (Code column): *C013*   * 1. Click **Done** -> close item   2. Open *Test1* Breakdown item -> **Edit** item   3. Go to **Breakdown Items** taband-> click **Add Breakdown Items**   4. Select *Test2* breakdown Item   5. Save *Test1* Breakdown item   6. Go to **Breakdown Structure** tab      1. Confirm that all fixed content and Components are displayed in multilevel breakdown structure     ***GIVEN user added fixed content and Components in "Contents" tab of breakdown items for multi-level breakdown Structure; WHEN user click on Resolve button in resolution sidebar tab THEN Fixed Content and Components assets (without Component) are displayed on all levels of Resolved multi-level structure.***   * 1. Go to **Resolution** tab   2. Select *Bicycle* Variability item in filde   3. Click **Resolve**      1. Confirm that multilevel structure with Part, Document and Components assets are displayed in resolved structure     ***Verify that user can remove fixed content and Components in "Contents" tab.***   * 1. Go to Form of Breakdown Item”1 Test1”   2. Go to **Content** tab   3. Remove all items in relationship grid      1. Confirm that fixed content and components can be removed   4. **Done** and Close item | |
| **Cleanup** | 1. Logout |