**I-024740**

**“Prevent same child item multiple times on a parent”**



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# Overview

This Document represents a test case suite for testing I-024740 " Prevent same child item multiple times on a parent ".

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

A child item is not allowed to be related to same parent item more than once for following relationships:

1) vm\_VariabilityItemFeature (Relevant Feature)

2) vm\_FeatureOption (Feature Option)

3) vm\_VariabilityItemStructure (Variability Structure)

4) vm\_VariabilityItemRule

# Functional Tests

## VariabilityItemFeature (Relevant Feature)

|  |  |  |
| --- | --- | --- |
| **Test#:** | I-024740-01 | |
| **Purpose:** | Check that child item is not allowed to be related to same parent item more than once (Relevant Feature) | |
| **Original requirements:** | [I-024740 “Prevent same child item multiple times on a parent”](https://myinnovator.com/?StartItem=sa_Issue:B866393E8BAE464EBED22622B73CAEDD) | |
| **Priority** | Medium | |
| **Tags** | #Variability Item #Feature | |
| **Automated:** | No | |
| **Setup** | Load Sample Data | |
| 1. Go to Variant Management -> Variability Item -> Create New Variability Item   Type:  Code: D011, Name: Test001   1. Go to Relevant features relationship tab -> Click “Add Variability Items” ->   Search & Select “Bicycle size” relevant feature. -> OK  Search & select “Bicycle size” relevant feature again -> OK  Click “Done”   1. Confirm that “Relevant Feature (vm\_VariabilityItemFeature) ‘Bicycle Size’ already exists.” Error is displayed. -> Ok | | |
| **Cleanup** | | Delete Test001 Variability Item |

## Feature Option

|  |  |  |
| --- | --- | --- |
| **Test#:** | I-024740-02 | |
| **Purpose:** | Check that child item is not allowed to be related to same parent item more than once (Feature Option) | |
| **Original requirements:** | [I-024740 “Prevent same child item multiple times on a parent”](https://myinnovator.com/?StartItem=sa_Issue:B866393E8BAE464EBED22622B73CAEDD) | |
| **Priority** | Medium | |
| **Tags** | #Default variability item # component item | |
| **Automated:** | No | |
| **Setup** | Load Sample Data | |
| 1. Go to Variant Management -> Dictionary -> Features-> Create New Feature   Type:  Code: D011, Name: Test001   1. Go to Options relationship tab -> Click “Add Options” ->   Search & select “Short” option. -> OK  Search & select “Short” option again -> OK  Click “Done”   1. Confirm that “Feature Option (vm\_FeatureOption) '0004 Short' already exists.” Error is displayed -> Ok | | |
| **Cleanup** | | Delete Test001 Feature |

## VariabilityItemStructure

|  |  |  |
| --- | --- | --- |
| **Test#:** | I-024740-03 | |
| **Purpose:** | Check that child item is not allowed to be related to same parent item more than once (Item Structure) | |
| **Original requirements:** | [I-024740 “Prevent same child item multiple times on a parent”](https://myinnovator.com/?StartItem=sa_Issue:B866393E8BAE464EBED22622B73CAEDD) | |
| **Priority** | Medium | |
| **Tags** | #Default variability item # component item | |
| **Automated:** | No | |
| **Setup** | Load Sample Data | |
| 1. Go to Variant Management -> Variability Item -> Create New Variability Item   Type:  Code: D011, Name: Test001   1. Go to Variability Items relationship tab -> Click “Add Variability Items” ->   Search & select “Frame” Item. -> OK  Search & select “Frame” Item again -> OK  Click “Done”   1. Confirm that Error “Variability Structure (vm\_VariabilityItemStructure) 'V004 Frame' already exists” Error is displayed. -> Ok | | |
| **Cleanup** | | Delete Test001 Variability Item |

## VariabilityItemRule

|  |  |  |
| --- | --- | --- |
| **Test#:** | I-024740-04 | |
| **Purpose:** | Check that child item is not allowed to be related to same parent item more than once (Item Rule) | |
| **Original requirements:** | [I-024740 “Prevent same child item multiple times on a parent”](https://myinnovator.com/?StartItem=sa_Issue:B866393E8BAE464EBED22622B73CAEDD) | |
| **Priority** | Medium | |
| **Tags** | #Default variability item # component item | |
| **Automated:** | No | |
| **Setup** | Load Sample Data | |
| 1.Go to Variant Management -> Variability Item -> Search Variability Item “Seatpost”  Open for Edit  2.Click Text Rule Editor -> Click “Create New Rule” -> Type:  IF [Seatpost Material] =Carbon THEN [Seatpost Suspension] = [Hydraulic Suspension] Click “Apply Changes”  3. Go to Administration -> ItemTypes -> Search & Open vm\_VariabilityItem  4. Go to RelationshipTypes. Click RMB RelationshipTypes -> Open & Edit  5. Uncheck “Hide in All” Checkbutton  6. Done & Close vm\_VariabilityItemRule relationshipType  7. Go to Variant Management -> Variability Item -> Search Variability Item “Seatpost”  Open for Edit  8. Go to Rules RelationshipTab, Click Add Rules  9. In appeared select Items window set in code column code the same as in added in Rules relshipgrid  10. Click ‘Done’  11. Confirm that error Message:  vm\_VariabilityItemRule (vm\_VariabilityItemRule) with source\_id '21884B7AF7D5474EB070CF1188780D9E', related\_id '00000111' already exists.  string is displayed.  12. Click Discard & Close Seatpost Variability Item | | |
| **Cleanup:** | | Check again “Hide in All” Checkbutton in vm\_VariabilityItemRule relationshipType |