

REQUIREMENTS

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Lesson 13 Exercise – Create, Weight and Link RequirementSets

Objective

By the end of this exercise, you will create a risk-weighted RequirementSet with Requirements for your SAP GUI application. You will then link the TestCases to the Requirements, and link the ExecutionList to your RequirementSet to gain a full overview of your project status..

Why is this important?

This is important because the Requirements section allows you to weight your Requirements according to risk to determine where you should begin testing to have the highest risk coverage with your test portfolio. You can also link other Tosca objects, such as TestCases and ExecutionLists to see a snapshot of the ExecutionState and TestCase coverage of your project.

Key elements:



Instructions

1. Navigate to the Requirements section in Tosca. Create a RequirementSet called "**01 SAP GUI Requirements**".

Add the following Requirements to the RequirementSet you just created (with "**Account Processing in ERP**" and "**Order2Cash**" as sub-requirements to "**Sales and Service Processes in ERP**":

2.
 - Sales and Service Processes in ERP
 - Account Processing in ERP
 - Order2Cash
 - Financial Processes in ERP
 - Human Capital Processes in ERP
 - Product Development and Manufacturing in ERP

3. Add the following Frequency and Damage Class values (scaled from 1-5, with 5 being the highest risk):

Requirement	Frequency Class	Damage Class
Sales and Service Processes in ERP	4	5
Account Processing in ERP	2	3
Order2Cash	4	5
Financial Processes in ERP	4	5
Human Capital Processes in ERP	3	4
Product Development and Manufacturing in ERP	5	5

4. Link the 5 "**Order2Cash**" TestCases to the "**Order2Cash**" Requirement.

5. Link the "**Order2Cash**" ExecutionList to the "**01 SAP GUI Requirements**" RequirementSet. The AutoCalculateRequirements function is turned off by default. To trigger the calculation, right-click the RequirementSet and select "**Update Outdated Values**" from the context menu.

6. Save changes.