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Explore Solutions that enable an agile Transition to SAP S/4HANA

DT180

Exercises / Solutions: SAP Cloud ALM – Analytics for preparation of implementation, testing and Go-Live

Reiner Markheiser / SAP SE

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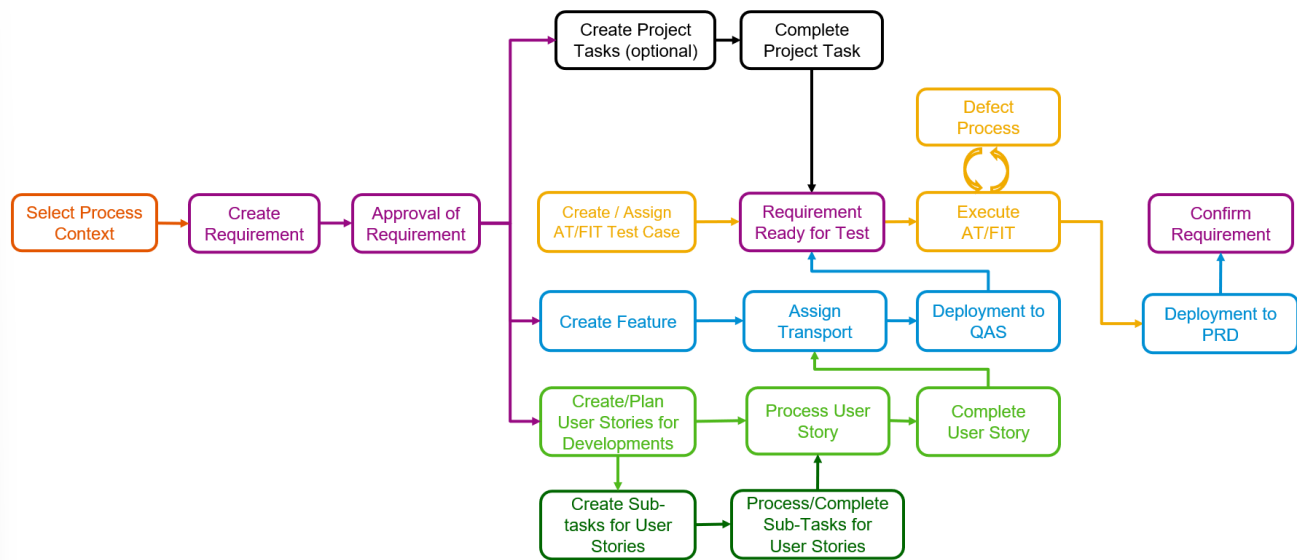
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In this exercise you will learn how to use SAP Cloud ALM Analytics for a Requirement driven implementation process. We will skip the optional project tasks and sub-tasks, but focus on Requirements, User Stories, Features and Test Cases.

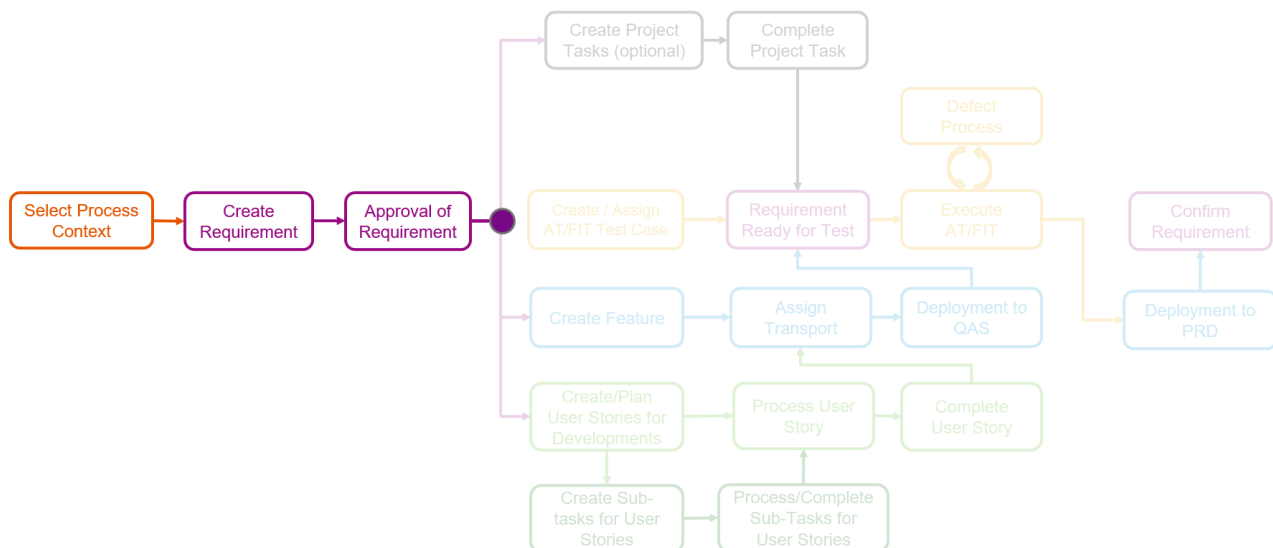


and check readiness for these 4 use cases:

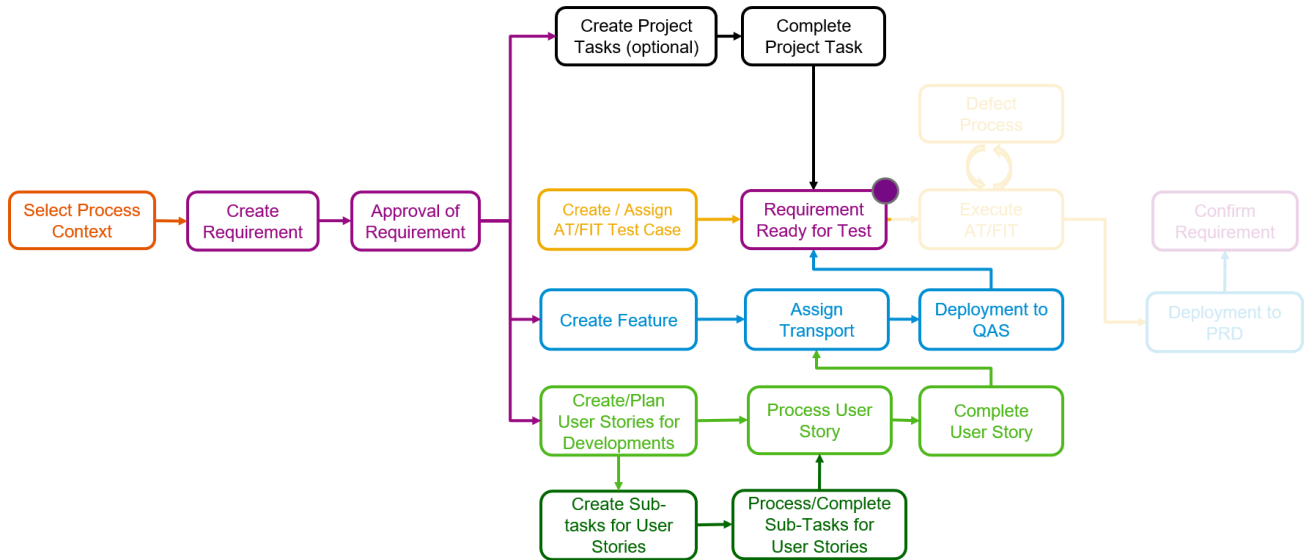
GET AN OVERVIEW ON YOUR IMPLEMENTATION PROGRESS PER ENTITY

Scope, Requirement, Feature, Test Cases

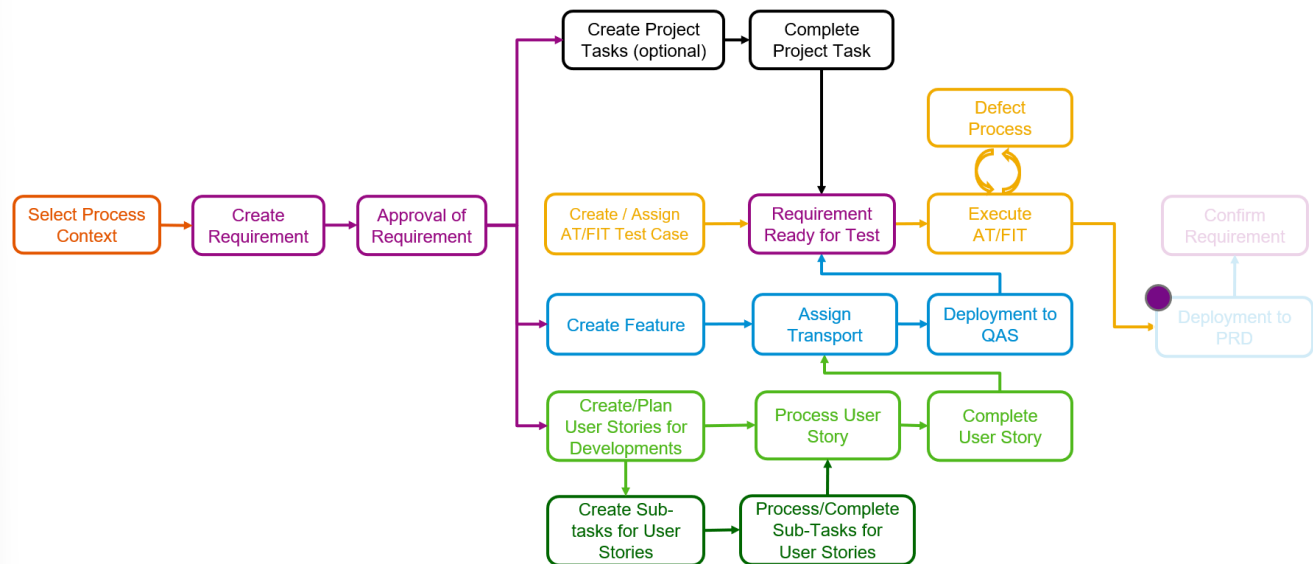
IDENTIFY REQUIREMENTS THAT ARE APPROVED AND READY FOR IMPLEMENTATION



IDENTIFY REQUIREMENTS THAT ARE READY TO BE TESTED



IDENTIFY FEATURES THAT ARE READY FOR DEPLOYMENT


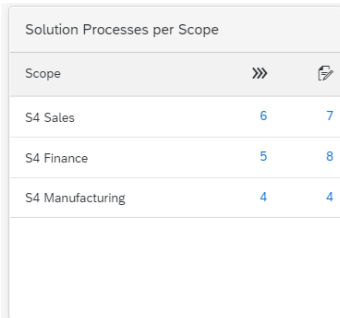
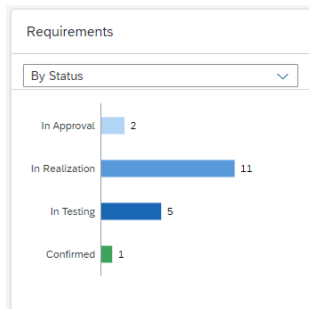
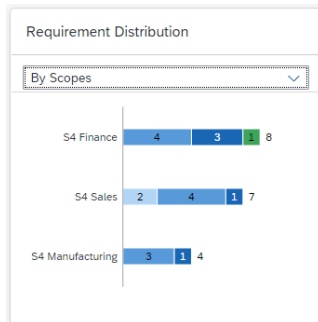


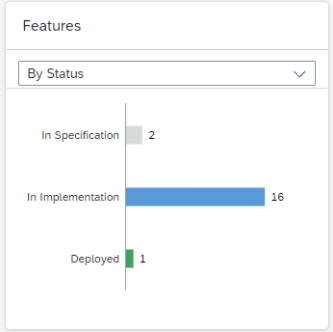
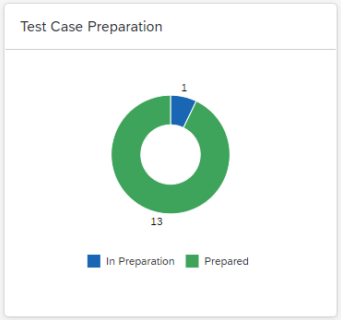
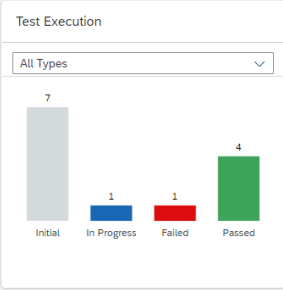
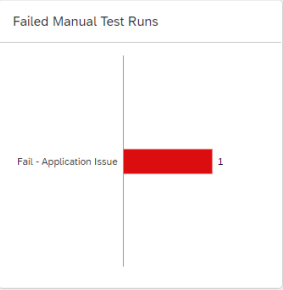
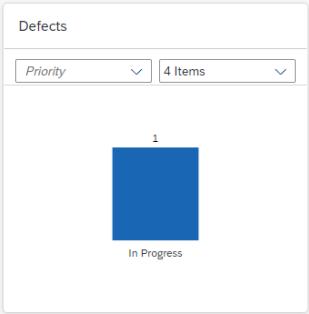
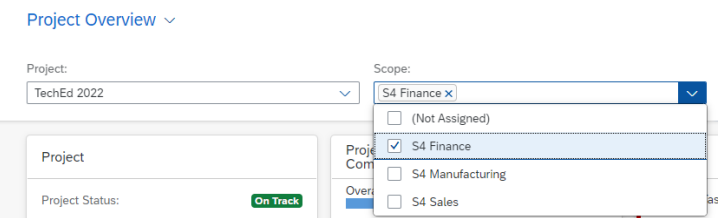
Important Instruction:



To avoid any side effects for the other participants working in the same tenant and project, this exercise should focus on read-only activities. Therefore, please do not change any data like status values for any existing entity in the project 'TechEd 2022' but feel free to create additional Requirements, User Stories, Test Cases etc. and change those.

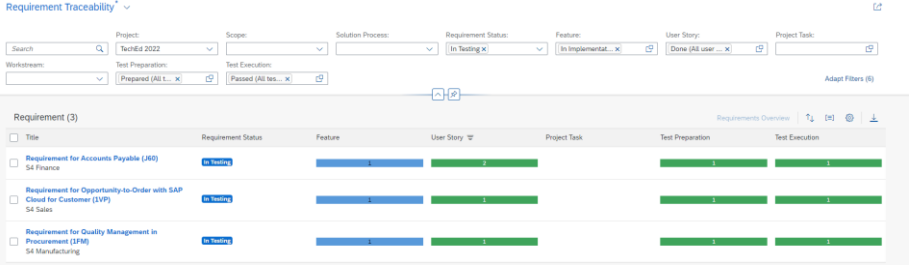
SAP CLOUD ALM LOGON DATA FOR EXERCISE

URL: <https://calm-teched-2022.eu20.alm.cloud.sap/launchpad#Shell-home>
 User: AGATHA
 Password: Calm22#1

Explanation	Screenshot																								
Overview																									
1. Open the Overview Page while clicking on the tile Overview in the launchpad group SAP Cloud ALM for Implementation																									
2. Select Project 'TechEd 2022' in the filter bar and check the 'Solution Processes per Scope' card. Use the mouse over tooltip to get the number of processes and requirements per scope.	 <table><tr><th>Scope</th><th>Processes</th><th>Requirements</th></tr><tr><td>S4 Sales</td><td>6</td><td>7</td></tr><tr><td>S4 Finance</td><td>5</td><td>8</td></tr><tr><td>S4 Manufacturing</td><td>4</td><td>4</td></tr></table>	Scope	Processes	Requirements	S4 Sales	6	7	S4 Finance	5	8	S4 Manufacturing	4	4												
Scope	Processes	Requirements																							
S4 Sales	6	7																							
S4 Finance	5	8																							
S4 Manufacturing	4	4																							
3. Check the Requirements card regarding numbers of requirements per status and per priority	 <table><tr><th>Status</th><th>Count</th></tr><tr><td>In Approval</td><td>2</td></tr><tr><td>In Realization</td><td>11</td></tr><tr><td>In Testing</td><td>5</td></tr><tr><td>Confirmed</td><td>1</td></tr></table>	Status	Count	In Approval	2	In Realization	11	In Testing	5	Confirmed	1														
Status	Count																								
In Approval	2																								
In Realization	11																								
In Testing	5																								
Confirmed	1																								
4. Check the Requirements Distribution card regarding numbers of requirements by Scope and Status.	 <table><tr><th>Scope</th><th>In Approval</th><th>In Realization</th><th>In Testing</th><th>Confirmed</th><th>Total</th></tr><tr><td>S4 Finance</td><td>4</td><td>3</td><td>1</td><td>0</td><td>8</td></tr><tr><td>S4 Sales</td><td>2</td><td>4</td><td>1</td><td>0</td><td>7</td></tr><tr><td>S4 Manufacturing</td><td>3</td><td>1</td><td>0</td><td>0</td><td>4</td></tr></table>	Scope	In Approval	In Realization	In Testing	Confirmed	Total	S4 Finance	4	3	1	0	8	S4 Sales	2	4	1	0	7	S4 Manufacturing	3	1	0	0	4
Scope	In Approval	In Realization	In Testing	Confirmed	Total																				
S4 Finance	4	3	1	0	8																				
S4 Sales	2	4	1	0	7																				
S4 Manufacturing	3	1	0	0	4																				

5. Check the Feature card regarding number of Features by Status and Priority	 <p>Features</p> <p>By Status</p> <table border="1"><thead><tr><th>Status</th><th>Count</th></tr></thead><tbody><tr><td>In Specification</td><td>2</td></tr><tr><td>In Implementation</td><td>16</td></tr><tr><td>Deployed</td><td>1</td></tr></tbody></table>	Status	Count	In Specification	2	In Implementation	16	Deployed	1						
Status	Count														
In Specification	2														
In Implementation	16														
Deployed	1														
6. Check Test Case Preparation card regarding number of test cases are 'In Preparation' or 'Prepared'	 <p>Test Case Preparation</p> <table border="1"><thead><tr><th>Status</th><th>Count</th></tr></thead><tbody><tr><td>In Preparation</td><td>1</td></tr><tr><td>Prepared</td><td>13</td></tr></tbody></table>	Status	Count	In Preparation	1	Prepared	13								
Status	Count														
In Preparation	1														
Prepared	13														
7. Check Test Execution card and Failed Manual Test Runs regarding Test Execution Status.	 <p>Test Execution</p> <p>All Types</p> <table border="1"><thead><tr><th>Status</th><th>Count</th></tr></thead><tbody><tr><td>Initial</td><td>7</td></tr><tr><td>In Progress</td><td>1</td></tr><tr><td>Failed</td><td>1</td></tr><tr><td>Passed</td><td>4</td></tr></tbody></table>  <p>Failed Manual Test Runs</p> <table border="1"><thead><tr><th>Status</th><th>Count</th></tr></thead><tbody><tr><td>Fail - Application Issue</td><td>1</td></tr></tbody></table>	Status	Count	Initial	7	In Progress	1	Failed	1	Passed	4	Status	Count	Fail - Application Issue	1
Status	Count														
Initial	7														
In Progress	1														
Failed	1														
Passed	4														
Status	Count														
Fail - Application Issue	1														
8. Check Defects cards regarding number of open defects per priority	 <p>Defects</p> <p>Priority: 4 Items</p> <table border="1"><thead><tr><th>Status</th><th>Count</th></tr></thead><tbody><tr><td>In Progress</td><td>1</td></tr></tbody></table>	Status	Count	In Progress	1										
Status	Count														
In Progress	1														
9. In the filter bar select one of the Scope values from the drop-down list and check the number in the cards	 <p>Project Overview</p> <p>Project: TechEd 2022</p> <p>Scope: S4 Finance</p> <p>Project Status: On Track</p>														

<p>10. Remove any Scope values from filter bar</p>	<p>Project Overview ▾</p> <p>Project: TechEd 2022 ▾</p> <p>Scope: ▾</p> <ul style="list-style-type: none"> <input type="checkbox"/> (Not Assigned) <input type="checkbox"/> S4 Finance <input type="checkbox"/> S4 Manufacturing <input type="checkbox"/> S4 Sales <p>Project Status: On Track</p>										
<p>Requirements ready for implementation</p>											
<p>11. In the Requirements card click on the bar of status 'In Approval'</p>	<p>Requirements</p> <p>By Status ▾</p> <table border="1"> <thead> <tr> <th>Status</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>In Approval</td> <td>2</td> </tr> <tr> <td>In Realization</td> <td>11</td> </tr> <tr> <td>In Testing</td> <td>5</td> </tr> <tr> <td>Confirmed</td> <td>1</td> </tr> </tbody> </table>	Status	Count	In Approval	2	In Realization	11	In Testing	5	Confirmed	1
Status	Count										
In Approval	2										
In Realization	11										
In Testing	5										
Confirmed	1										
<p>12. In the filter bar for 'Open Requirements' field 'Approval' select value 'Approved' to get all requirements that are ready for implementation.</p>	<p>Approval: ▾</p> <p>Approved x ▾</p> <ul style="list-style-type: none"> <input type="checkbox"/> (Not Assigned) <input type="checkbox"/> No Approval Required <input type="checkbox"/> Ready for Approval <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected 										
<p>Requirements ready for test</p>											
<p>13. Open the Analytics Page while clicking on the Analytics button on left navigation bar:</p>  <p>or go back to 'Home' and select tile Analytics in the launchpad group SAP Cloud ALM for Implementation</p>	<p>Analytics</p> 										

<p>14. Select tile Requirement Traceability</p>	
<p>15. Use the filter to get all requirements in status 'In Realization' where related Feature is 'In Implementation' or 'In Testing' and all related User Stories are 'Done' and all related Test Cases are 'Prepared' and Test Execution Status is 'Initial'</p>	
<p>16. For first requirement in the list, click on the bar in column Test Execution to see all navigation options.</p>	
<p>Requirements ready for deployment</p>	
<p>17. Delete all filter values except for Project, e.g., while selecting the default view 'Requirement Traceability'</p>	
<p>18. Use the filter to get all requirements in status 'In Testing' where related Feature is 'In Implementation' or 'In Testing' and all related User Stories are 'Done' and all related Test Cases are 'Prepared' and Test Execution Status is 'Passed'</p>	

19. For first requirement in the list, click on the bar in column Feature to see all navigation options.

Requirement Traceability

Project: TechEd 2022

Scope:

Solution Process:

Requirement Status: In Testing

Feature: In Implementation

User Story: Done

Project Task:

Search

Workstream:

Test Preparation: Prepared

Test Execution: Passed

Adapt Filters

Requirement (3)		
Title	Requirement Status	Feature
<input type="checkbox"/> Requirement for Accounts Payable (A60) S4 Finance	In Testing	
<input type="checkbox"/> Requirement for Opportunity-to-Order with SAP Cloud for Customer (CVP) S4 Sales	In Testing	
<input type="checkbox"/> Requirement for Quality Management in Procurement (IFM) S4 Manufacturing	In Testing	

Feature

In Specification (0)

In Implementation (1)

Ready for Deployment (0)

Deployed (0)

Not Planned (0)

Feature for Accounts Payable (A60)

In Implementation

Feature Traceability