

PUBLIC

# **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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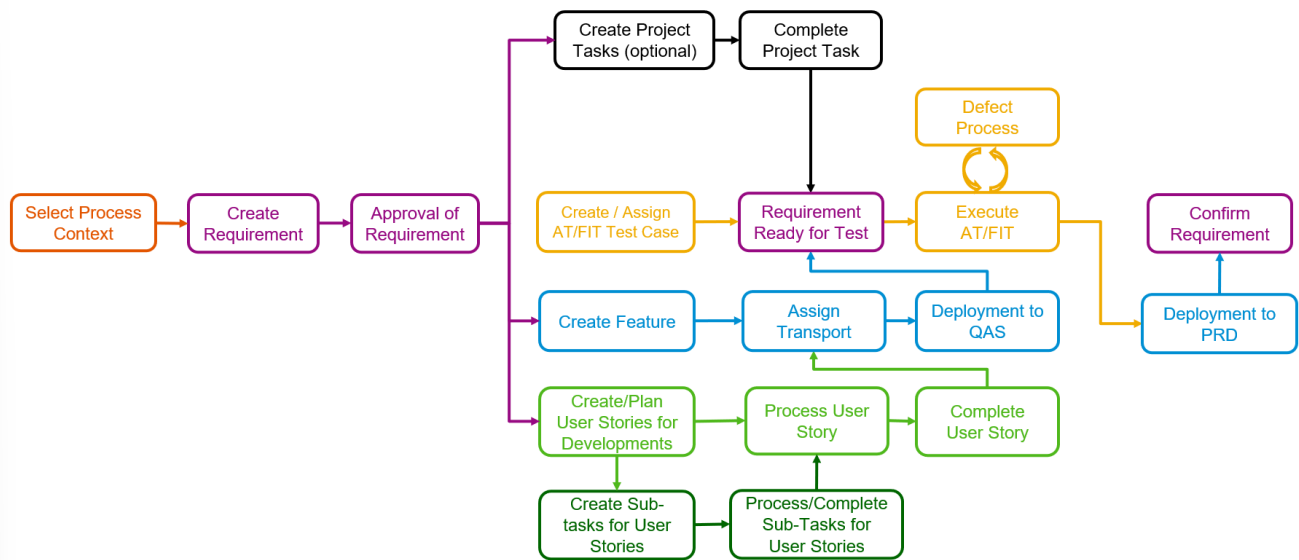
**GET AN OVERVIEW ON YOUR IMPLEMENTATION PROGRESS PER ENTITY .....3**

**IDENTIFY REQUIREMENTS THAT ARE APPROVED AND READY FOR IMPLEMENTATION .....3**

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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.

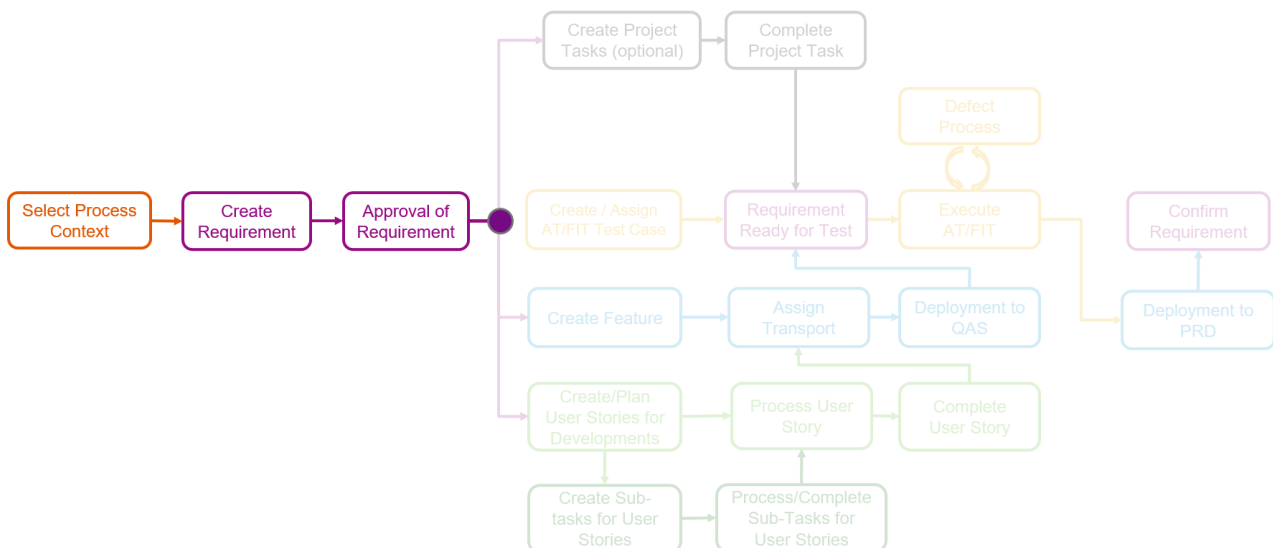


and check readiness for these 4 use cases:

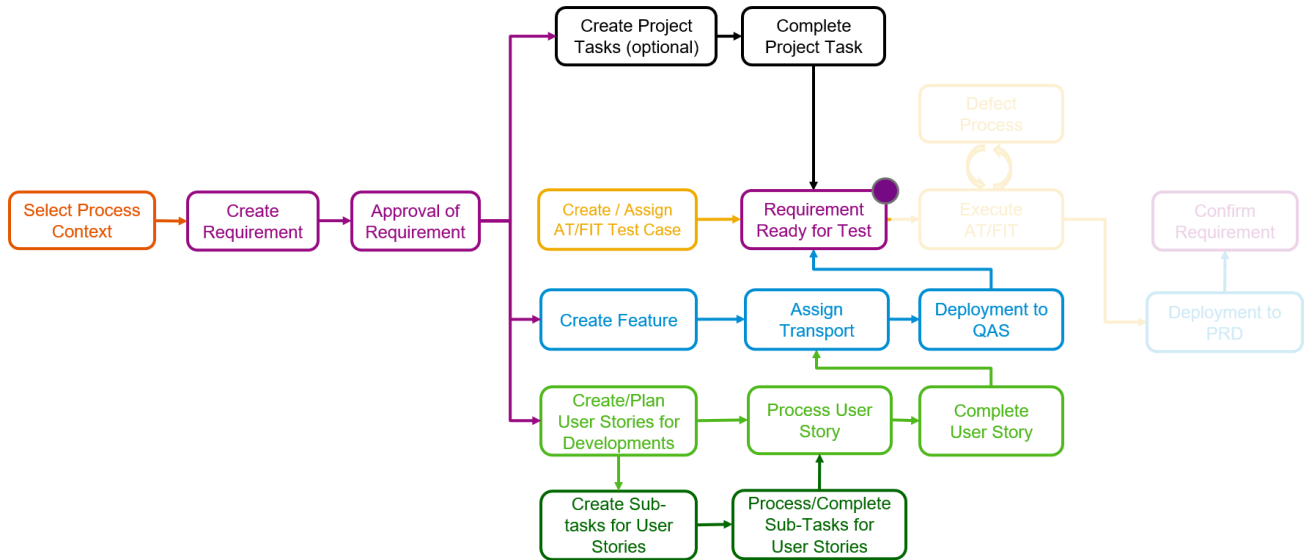
## GET AN OVERVIEW ON YOUR IMPLEMENTATION PROGRESS PER ENTITY

Scope, Requirement, Feature, Test Cases

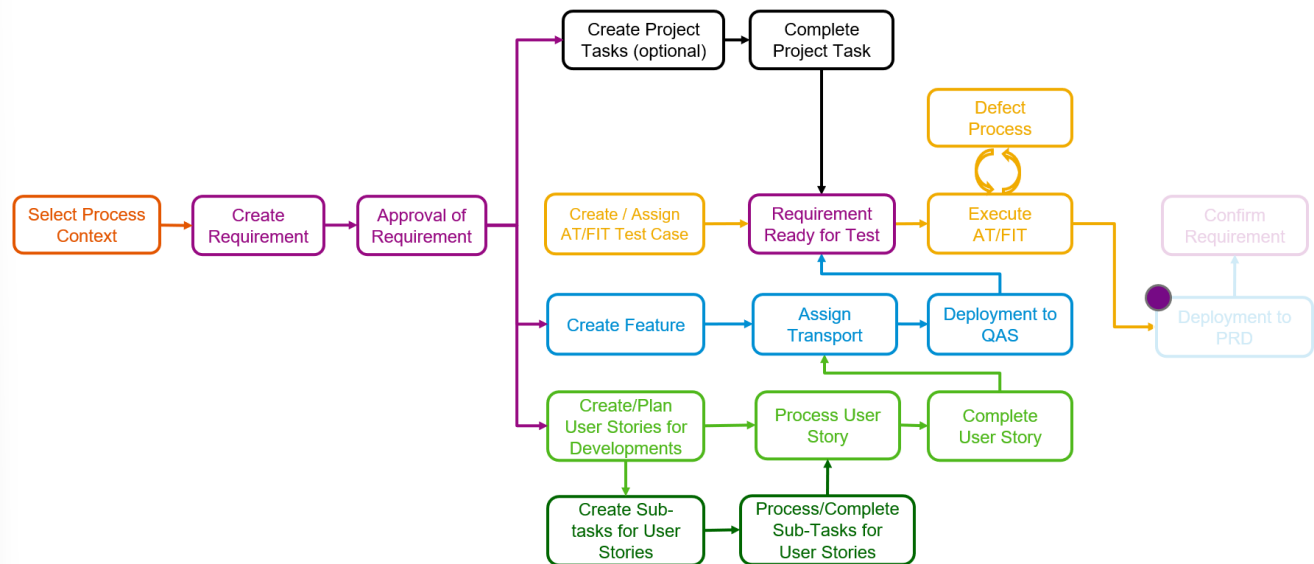
## IDENTIFY REQUIREMENTS THAT ARE APPROVED AND READY FOR IMPLEMENTATION



## IDENTIFY REQUIREMENTS THAT ARE READY TO BE TESTED


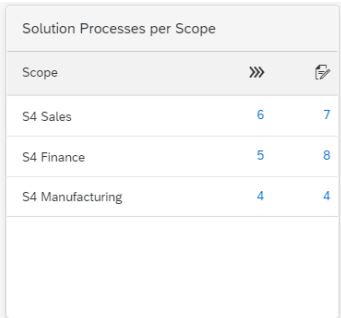


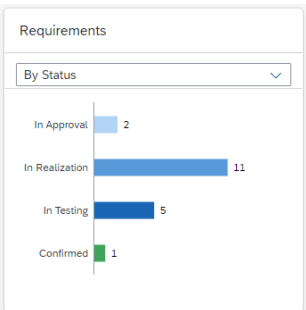
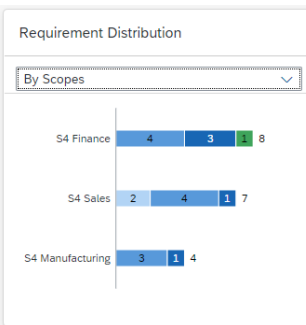
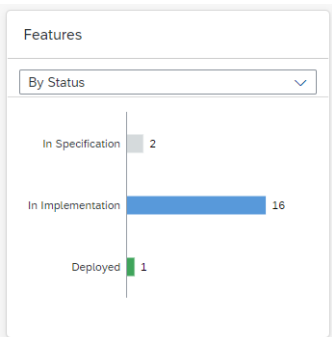
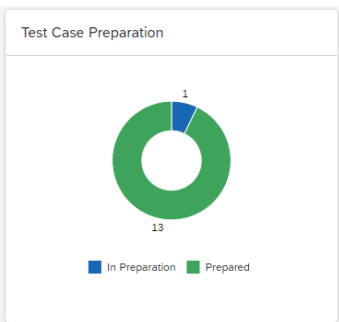
## IDENTIFY FEATURES THAT ARE READY FOR DEPLOYMENT

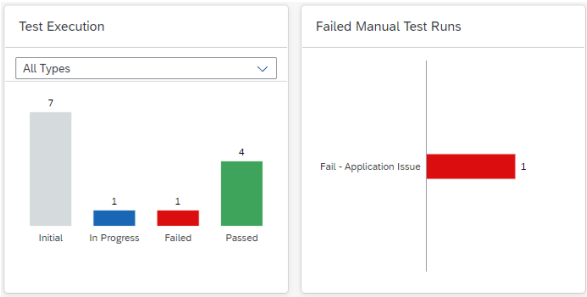
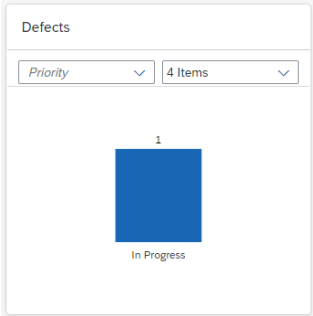
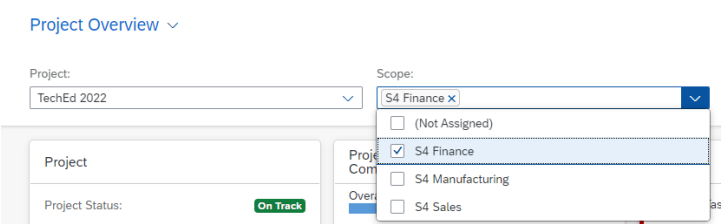
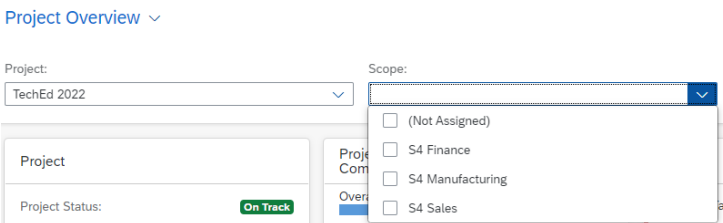


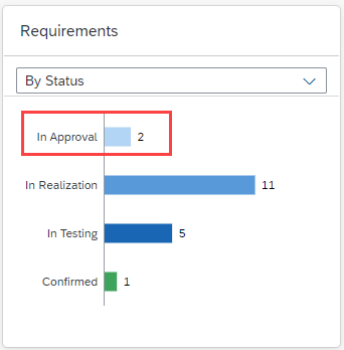
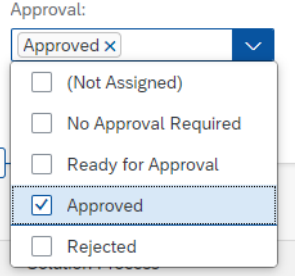


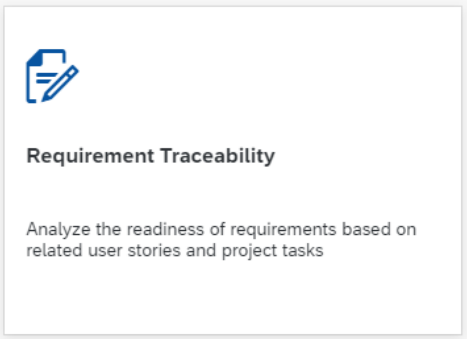
### Important Instruction:

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.

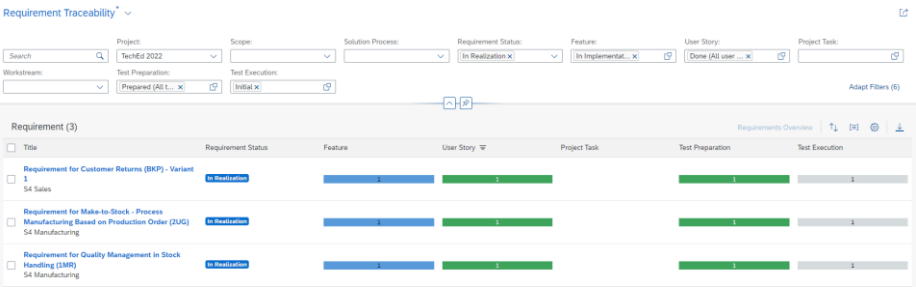
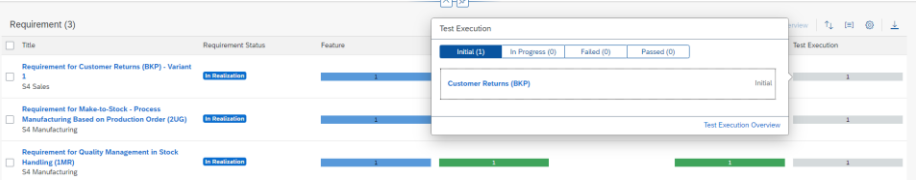
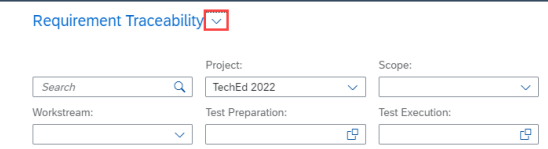
Explanation	Screenshot															
Overview																
1. Open the Overview Page while clicking on the tile Overview in the launchpad group SAP Cloud ALM for Implementation																
2. Select Project 'TechEd 2022' in the filter bar and check the 'Solution Processes per Scope' card. Use the mouse over tooltip to get the number of processes and requirements per scope.	 <table><tr><th colspan="3">Solution Processes per Scope</th></tr><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>	Solution Processes per Scope			Scope	Processes	Requirements	S4 Sales	6	7	S4 Finance	5	8	S4 Manufacturing	4	4
Solution Processes per Scope																
Scope	Processes	Requirements														
S4 Sales	6	7														
S4 Finance	5	8														
S4 Manufacturing	4	4														

Explanation	Screenshot																				
3. Check the Requirements card regarding numbers of requirements per status and per priority	 <table><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										
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4. Check the Requirements Distribution card regarding numbers of requirements by Scope and Status.	 <table><thead><tr><th>Scope</th><th>Count 1</th><th>Count 2</th><th>Count 3</th><th>Total</th></tr></thead><tbody><tr><td>S4 Finance</td><td>4</td><td>3</td><td>1</td><td>8</td></tr><tr><td>S4 Sales</td><td>2</td><td>4</td><td>1</td><td>7</td></tr><tr><td>S4 Manufacturing</td><td>3</td><td>1</td><td>0</td><td>4</td></tr></tbody></table>	Scope	Count 1	Count 2	Count 3	Total	S4 Finance	4	3	1	8	S4 Sales	2	4	1	7	S4 Manufacturing	3	1	0	4
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S4 Finance	4	3	1	8																	
S4 Sales	2	4	1	7																	
S4 Manufacturing	3	1	0	4																	
5. Check the Feature card regarding number of Features by Status and Priority	 <table><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												
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In Specification	2																				
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Deployed	1																				
6. Check Test Case Preparation card regarding number of test cases are 'In Preparation' or 'Prepared'	 <table><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														
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In Preparation	1																				
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Explanation	Screenshot
7. Check Test Execution card and Failed Manual Test Runs regarding Test Execution Status.	 <p>The screenshot displays two panels. The left panel, titled 'Test Execution', shows a bar chart with four categories: Initial (7), In Progress (1), Failed (1), and Passed (4). The right panel, titled 'Failed Manual Test Runs', shows a single bar for 'Fail - Application Issue' with a value of 1.</p>
8. Check Defects cards regarding number of open defects per priority	 <p>The screenshot shows a 'Defects' card with a filter for 'Priority' set to '4 Items'. The card displays a single blue square representing 1 defect in the 'In Progress' status.</p>
9. In the filter bar select one of the Scope values from the drop-down list and check the number in the cards	 <p>The screenshot shows a 'Project Overview' card. The 'Project' filter is set to 'TechEd 2022'. The 'Scope' filter is open, showing a list of options: (Not Assigned), S4 Finance (selected), S4 Manufacturing, and S4 Sales. The card displays a green 'On Track' status.</p>
10. Remove any Scope values from filter bar	 <p>The screenshot shows a 'Project Overview' card. The 'Project' filter is set to 'TechEd 2022'. The 'Scope' filter is open, showing a list of options: (Not Assigned), S4 Finance, S4 Manufacturing, and S4 Sales. The card displays a green 'On Track' status.</p>
<b>Requirements ready for implementation</b>	

Explanation	Screenshot										
<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										
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<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> <ul style="list-style-type: none"> <li><input type="checkbox"/> (Not Assigned)</li> <li><input type="checkbox"/> No Approval Required</li> <li><input type="checkbox"/> Ready for Approval</li> <li><input checked="" type="checkbox"/> Approved</li> <li><input type="checkbox"/> Rejected</li> </ul>										
<p><b>Requirements ready for test</b></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><b>Requirement Traceability</b></p> <p>Analyze the readiness of requirements based on related user stories and project tasks</p>										



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