CYBAGE
Delivering Value. Scientifically.

Test Management Using TFS

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Authored by: Sonam Raj

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Document History

Version No.	Authored/ Modified by	Remarks/ Change History	Date <dd- mon-yy >
1.0	Sonam Raj		

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Course Structure

Target audience	Fresher
Level	L1
Pre-requisites	
Training methods	
Evaluation	

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Agenda slide template

SDLC	STLC	Testing in an Iteration
Microsoft Testing Capabilities	Test Hierarchy	Creating Test Plan

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Agenda slide template

Running Manual Tests	Relationship between work items	Web based release management
Running Manual Tests	Summary	Quiz

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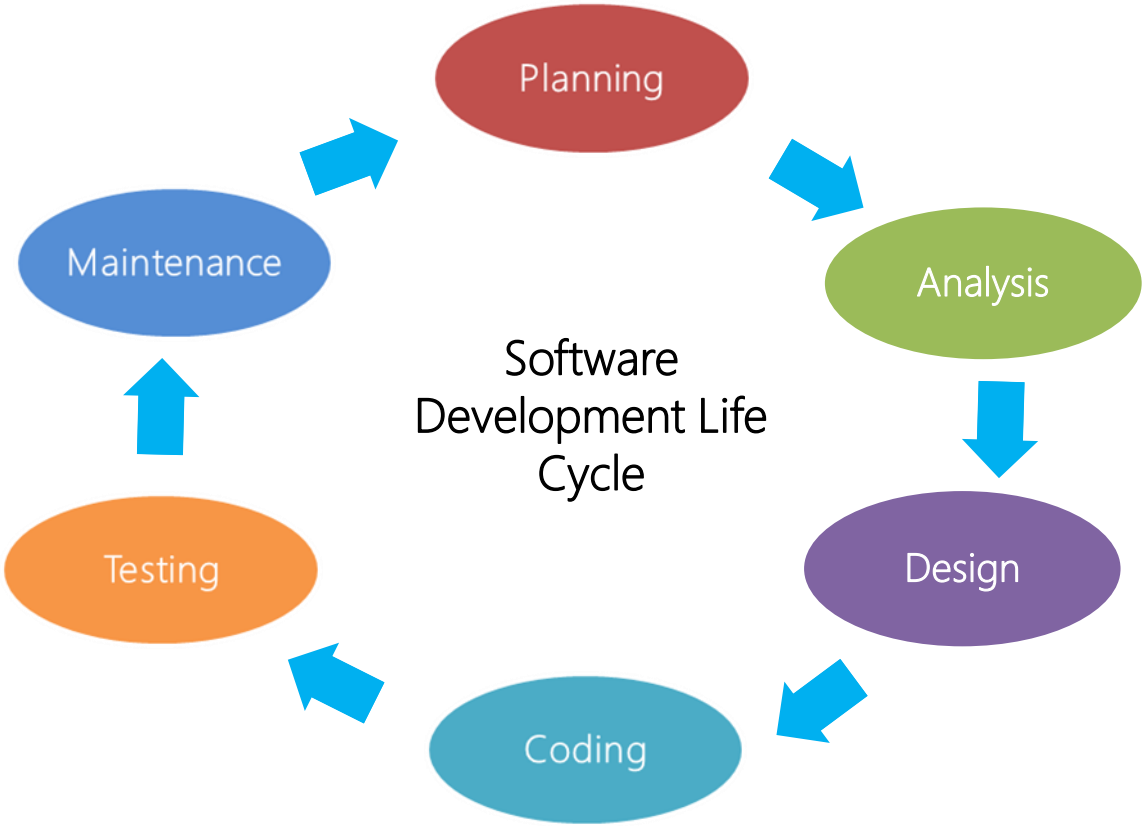
SDLC



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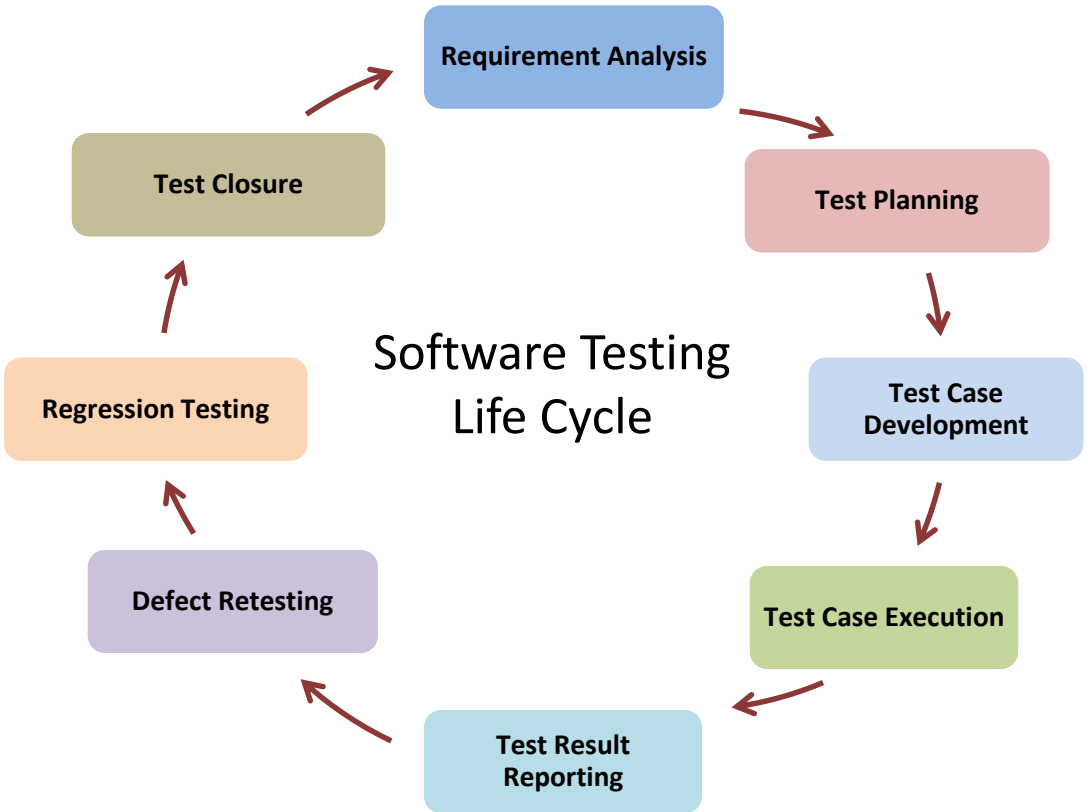
STLC



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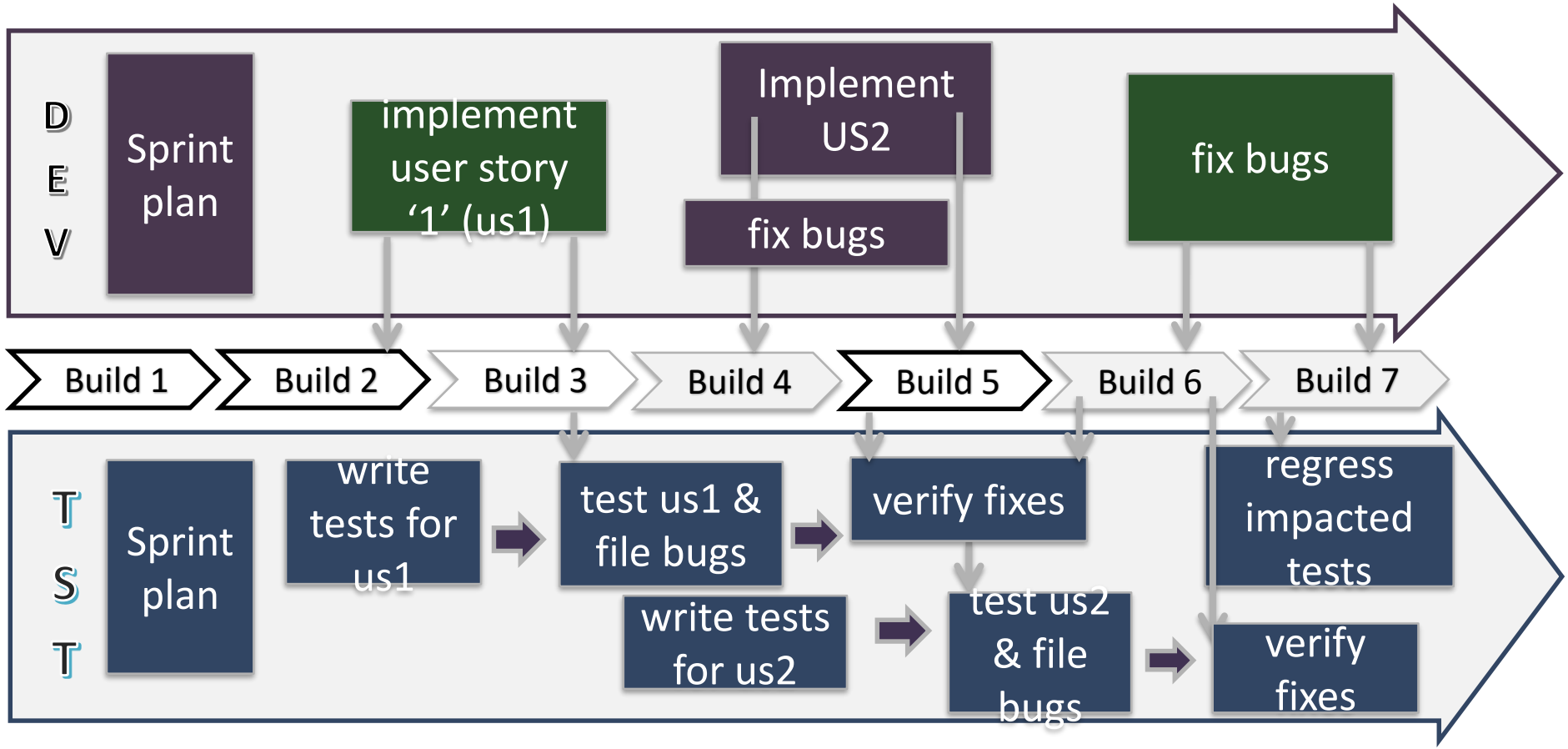
Testing in an Iteration



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Capabilities

- **Provides all the capabilities required for :**

    a. **Planned manual testing**

    b. **User acceptance testing**

    c. **Exploratory testing**

    d. **Run automated tests**

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Key benefits

- **Test on any platform.**
- **Rich Diagnostic data collection.**
- **End to End Traceability.**

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License requirements

To use all the features described, you must have one of the following subscriptions:

- **Enterprise**
- **Test Professional**
- **MSDN Platforms**

Or, configure **Basic + Test Plans** access level.

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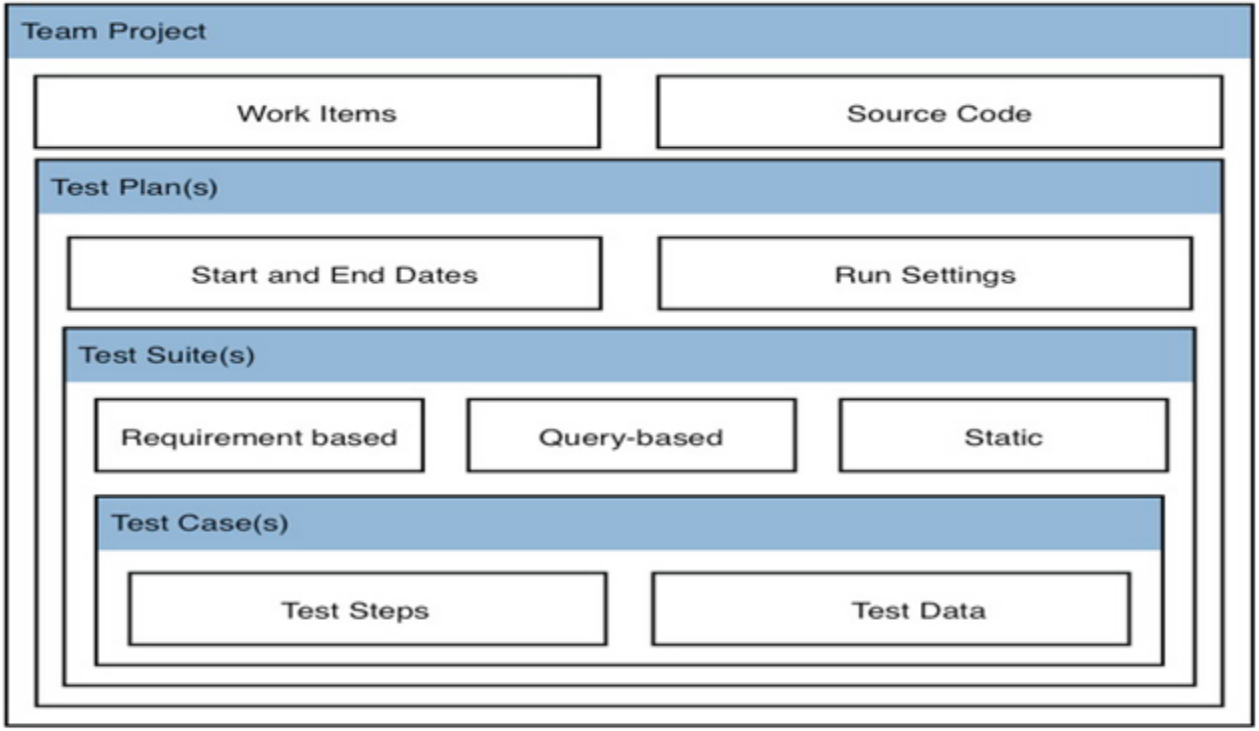
Test Hierarchy



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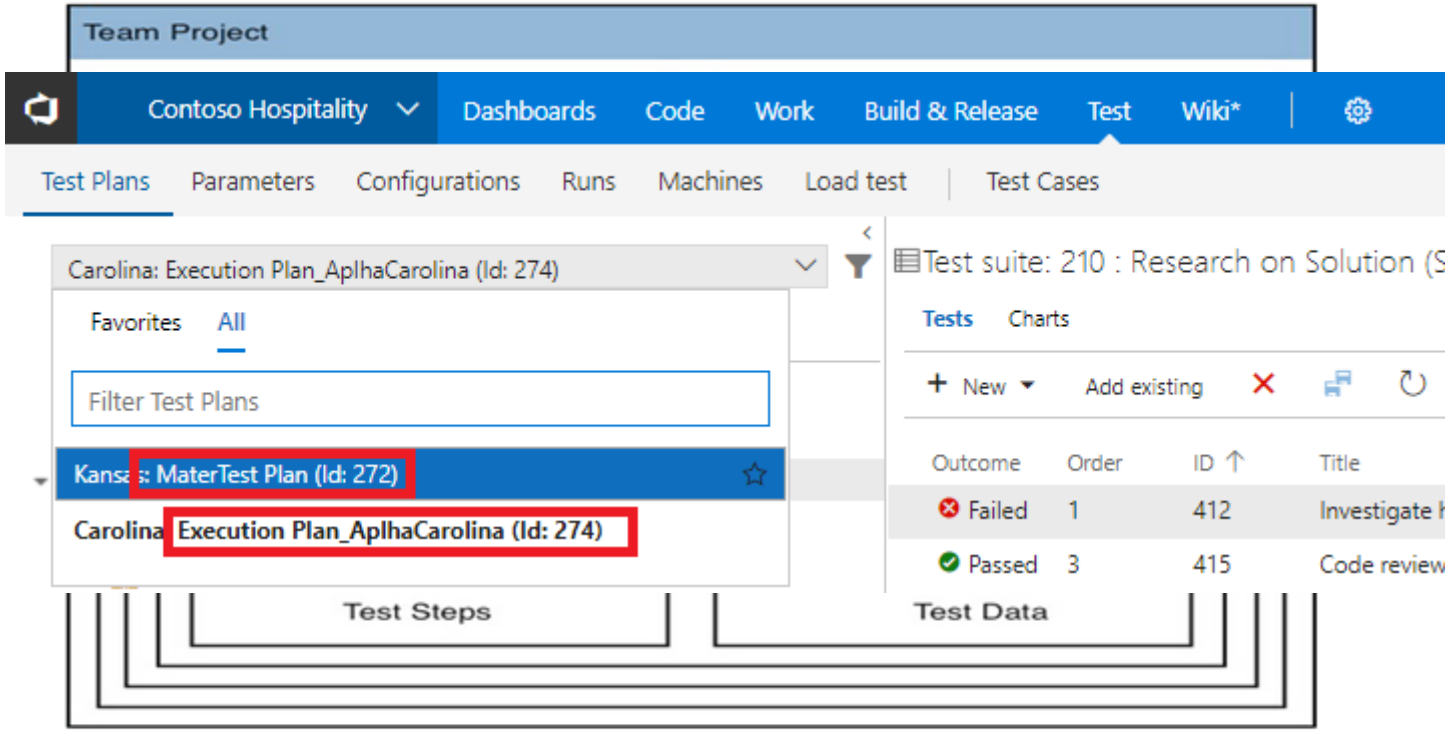
Test Hierarchy



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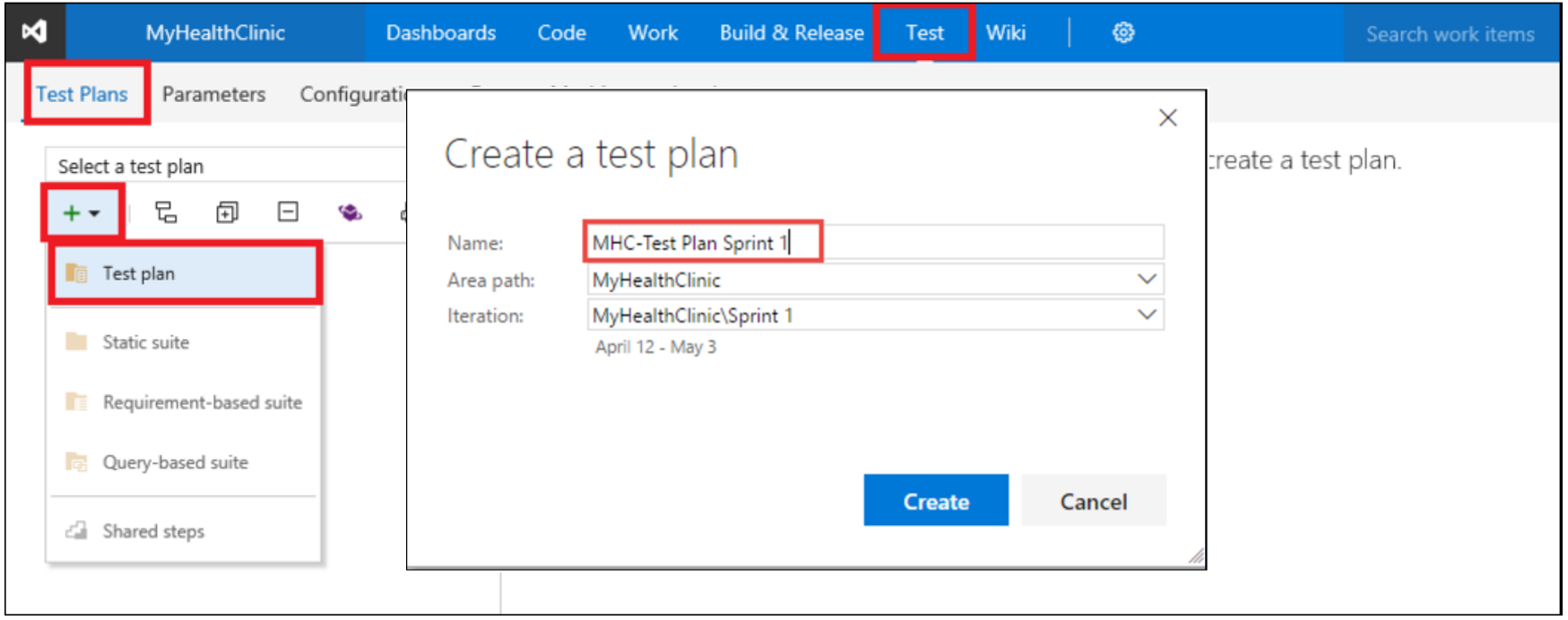
Creating Test Plan



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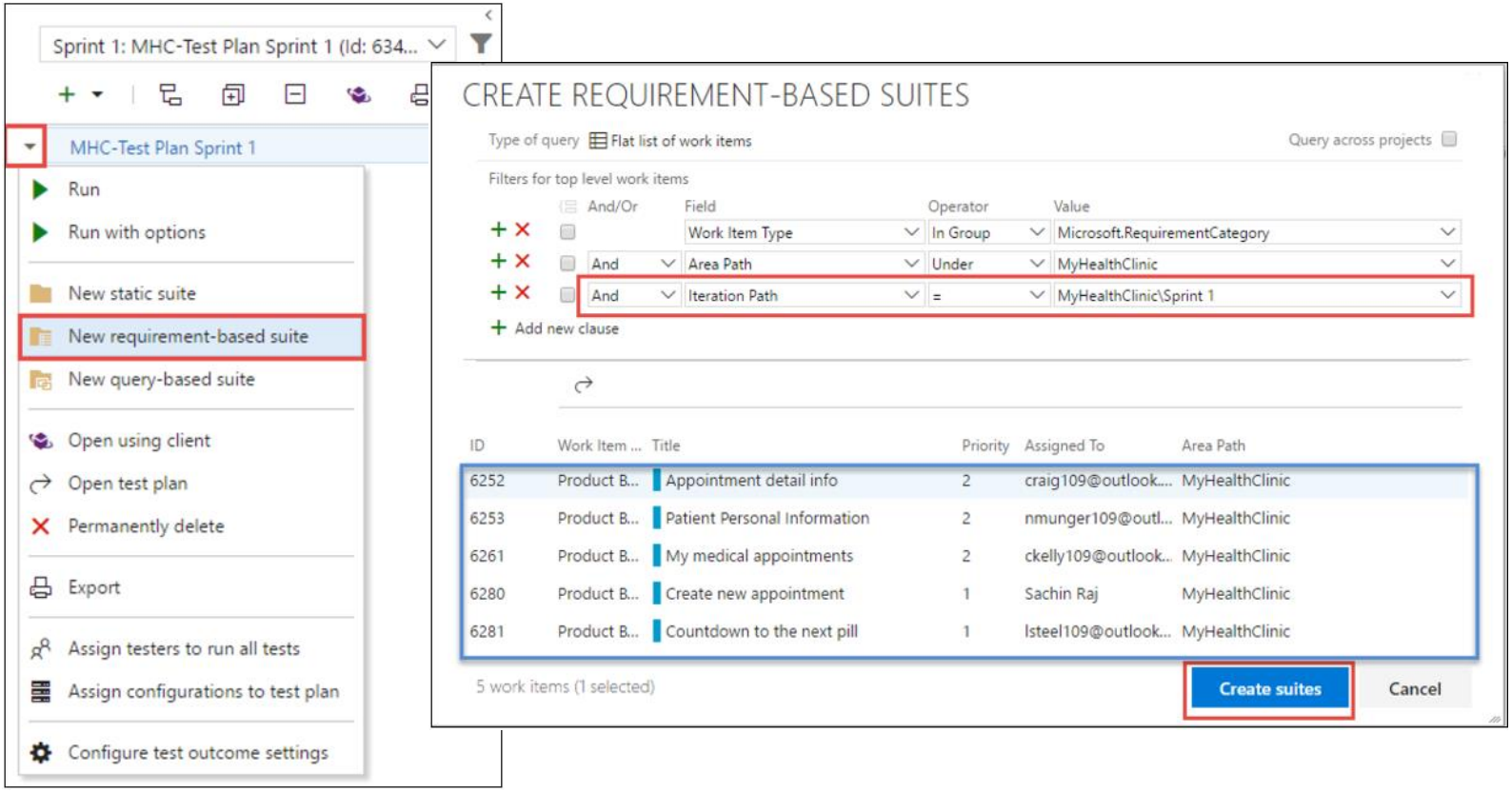
Creating Test suites



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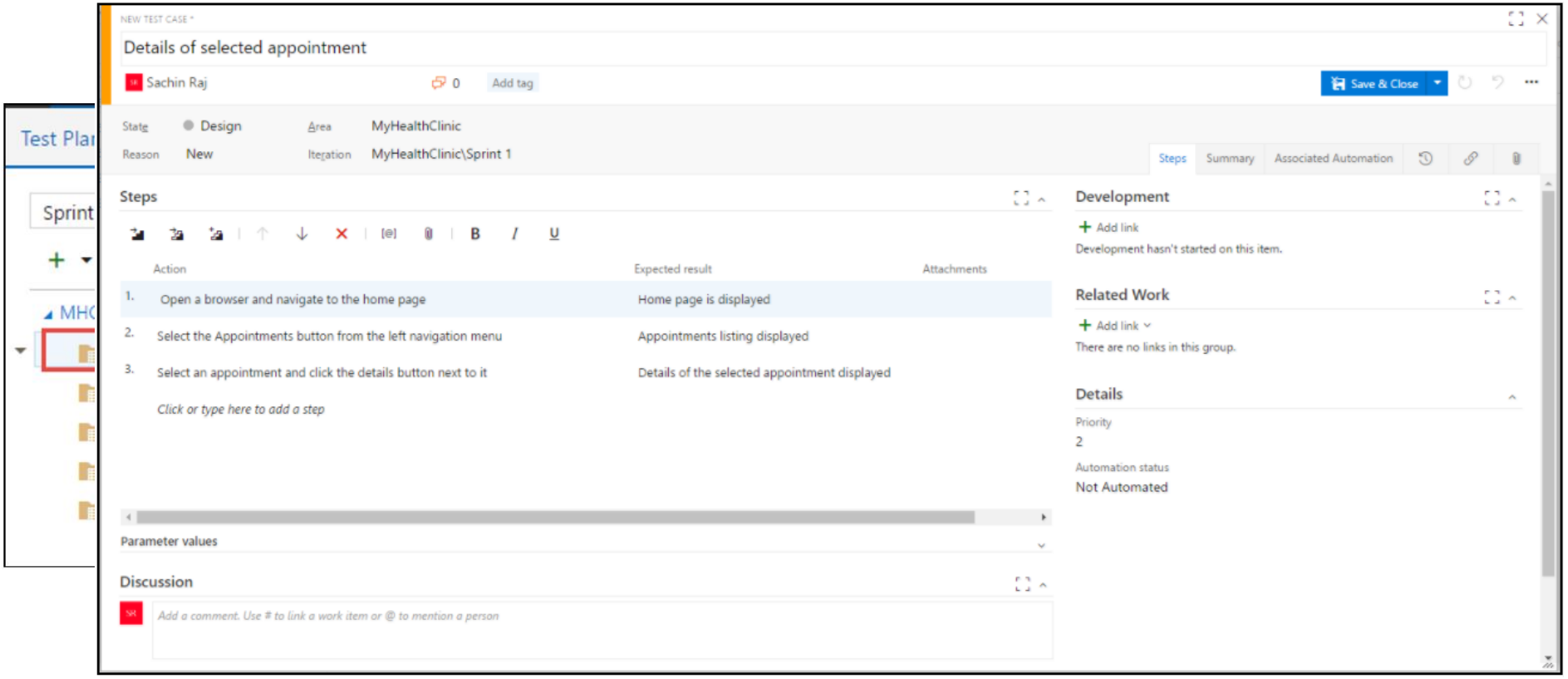
Add Test cases to Test suites



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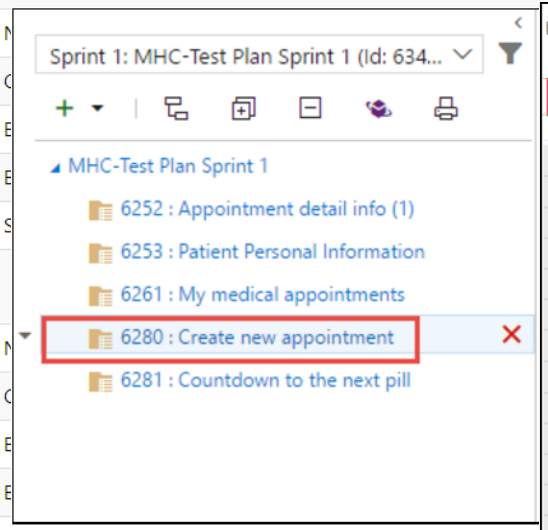
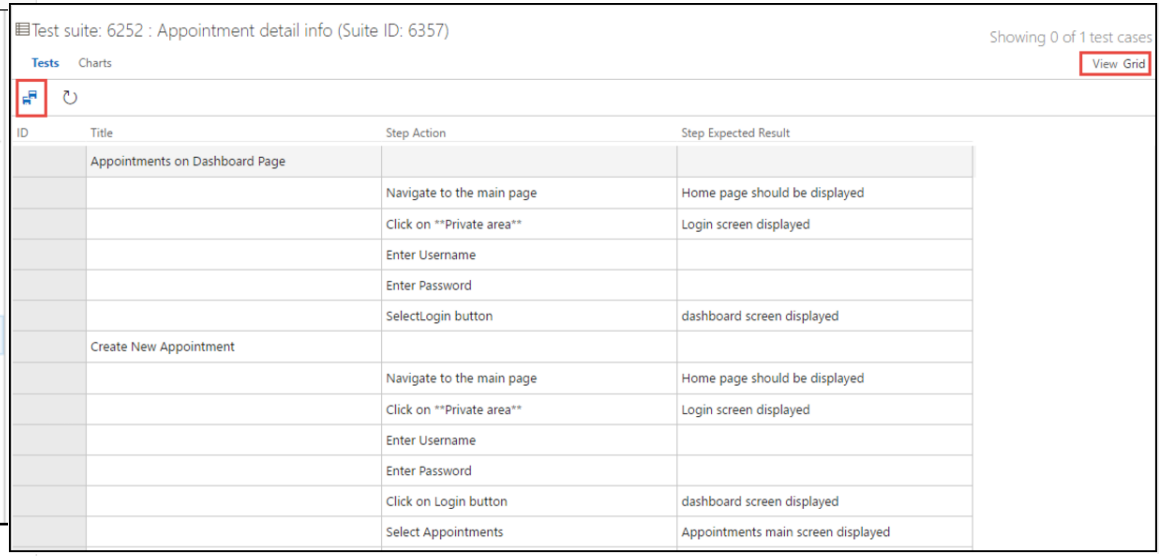
Grid View

Title	Step Action	Step Expected Result
Appointments on Dashboard Page		
	N	
	C	
	E	
	E	
	S	
Create New Appointment		
	N	
	C	
	E	
	E	
	Click on Login button	dashboard screen displayed
	Select Appointments	Appointments main screen displayed





ID	Title	Step Action	Step Expected Result
	Appointments on Dashboard Page		
		Navigate to the main page	Home page should be displayed
		Click on **Private area**	Login screen displayed
		Enter Username	
		Enter Password	
		SelectLogin button	dashboard screen displayed
	Create New Appointment		
		Navigate to the main page	Home page should be displayed
		Click on **Private area**	Login screen displayed
		Enter Username	
		Enter Password	
		Click on Login button	dashboard screen displayed
		Select Appointments	Appointments main screen displayed

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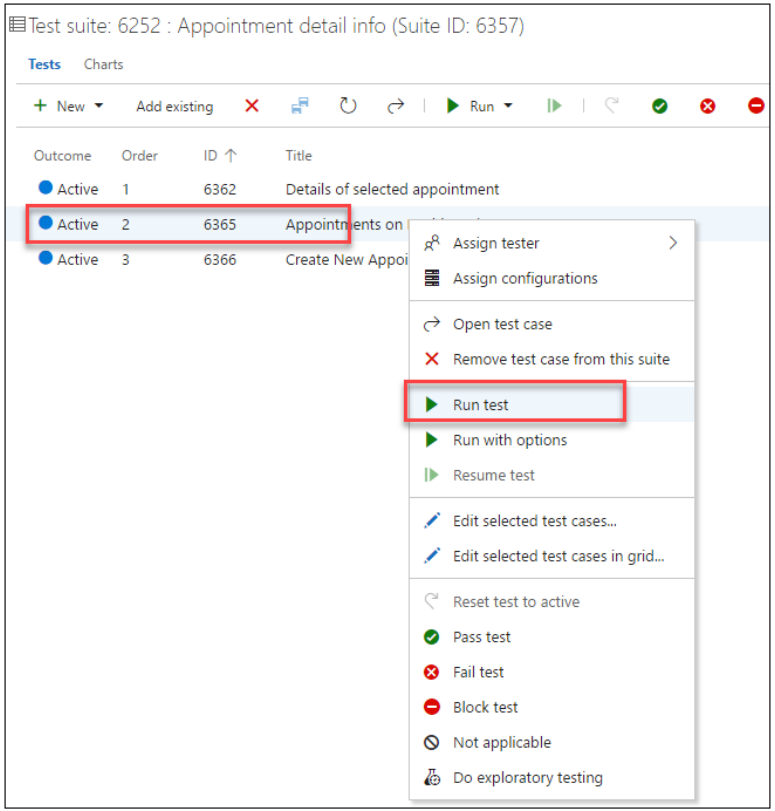
Test case Execution



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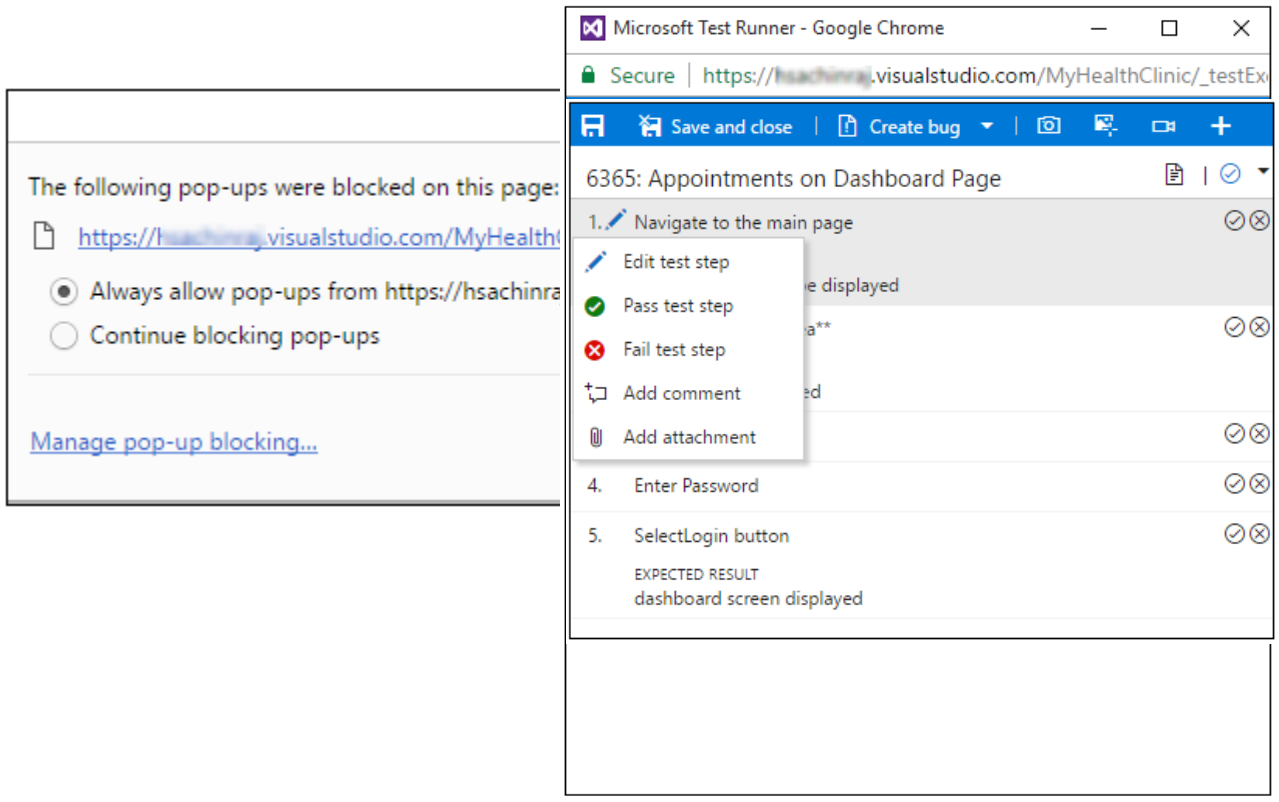
Web based Test Runner



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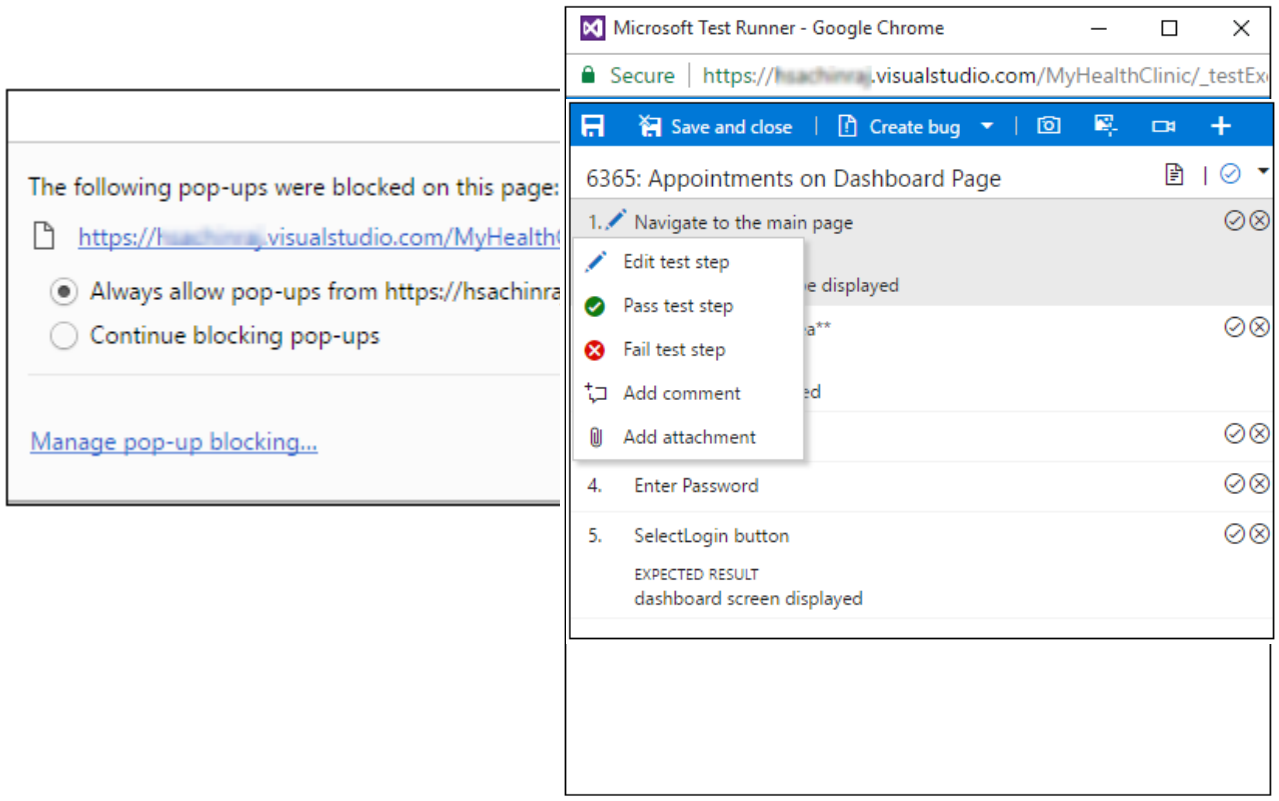
Web based Test Runner



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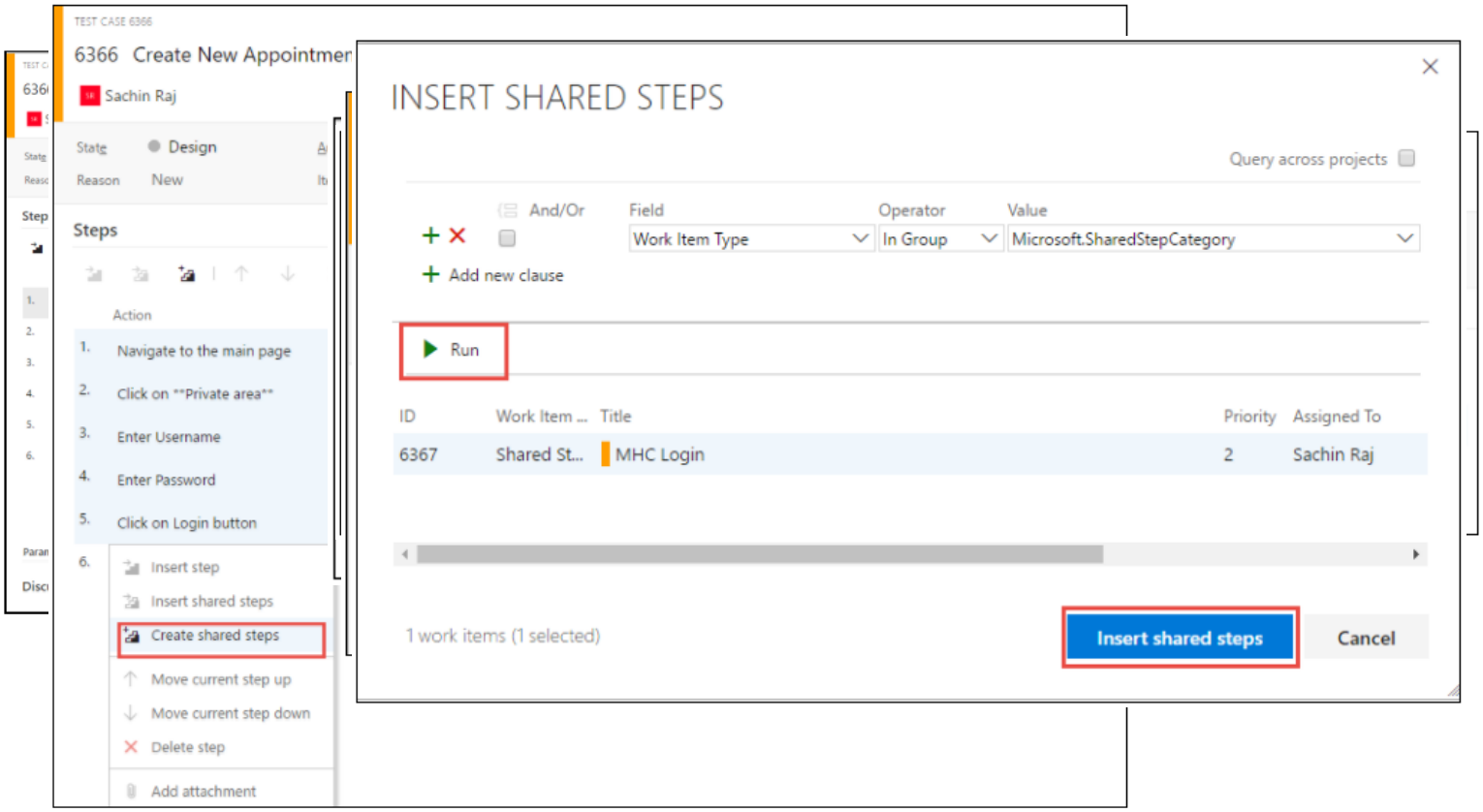
Shared Steps



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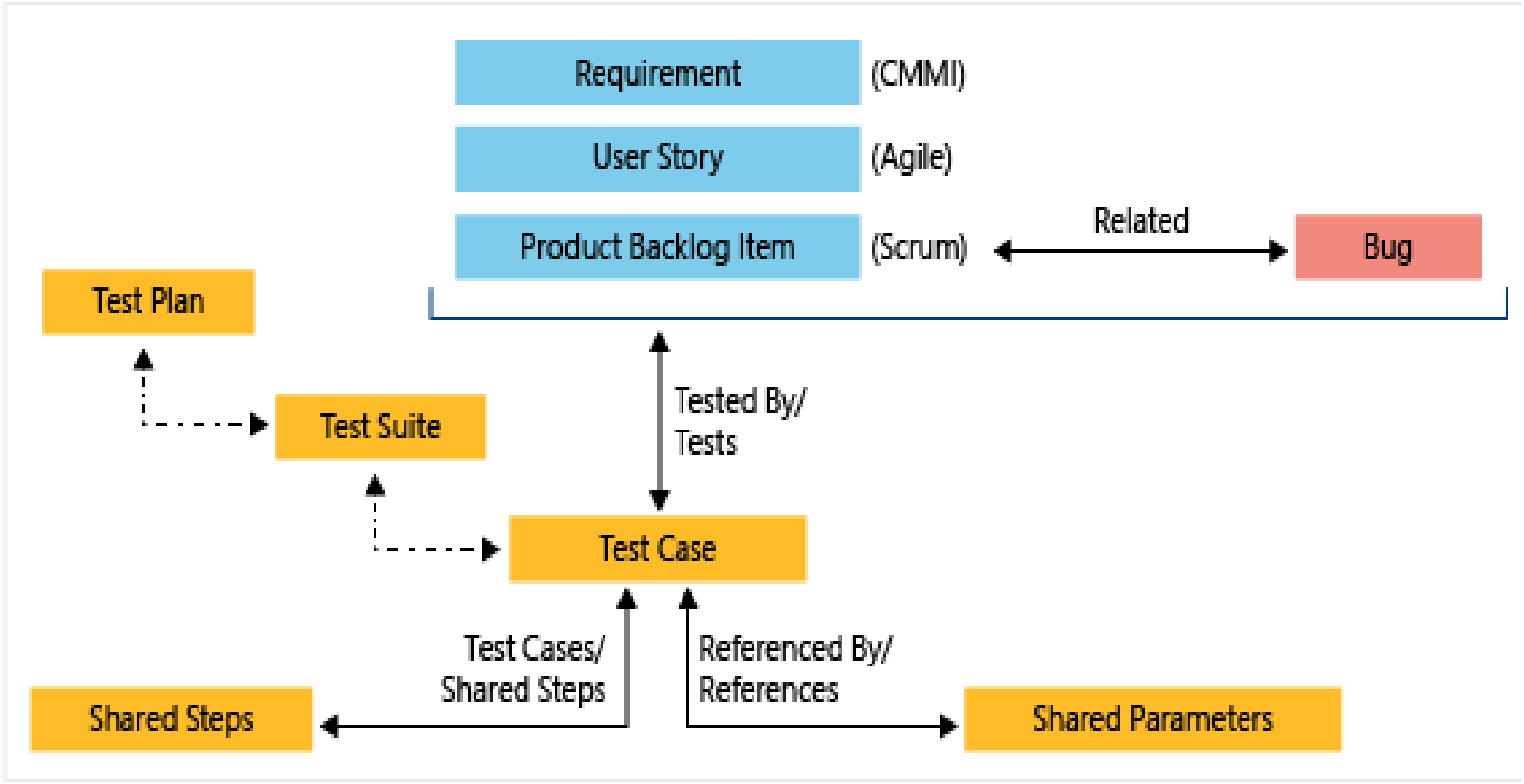
Relationship between WI



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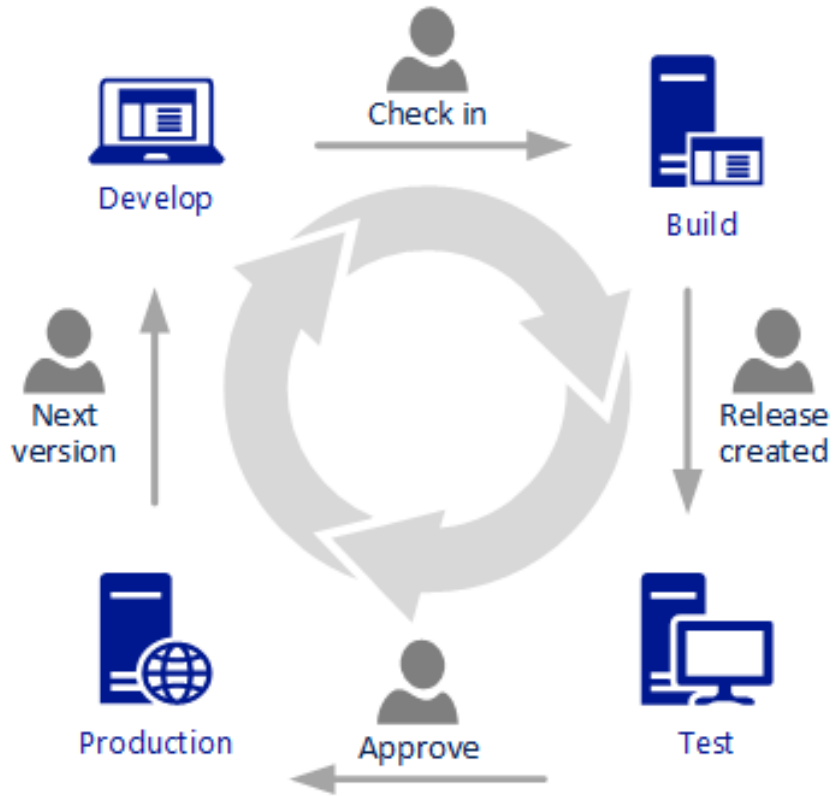
Web based release Management



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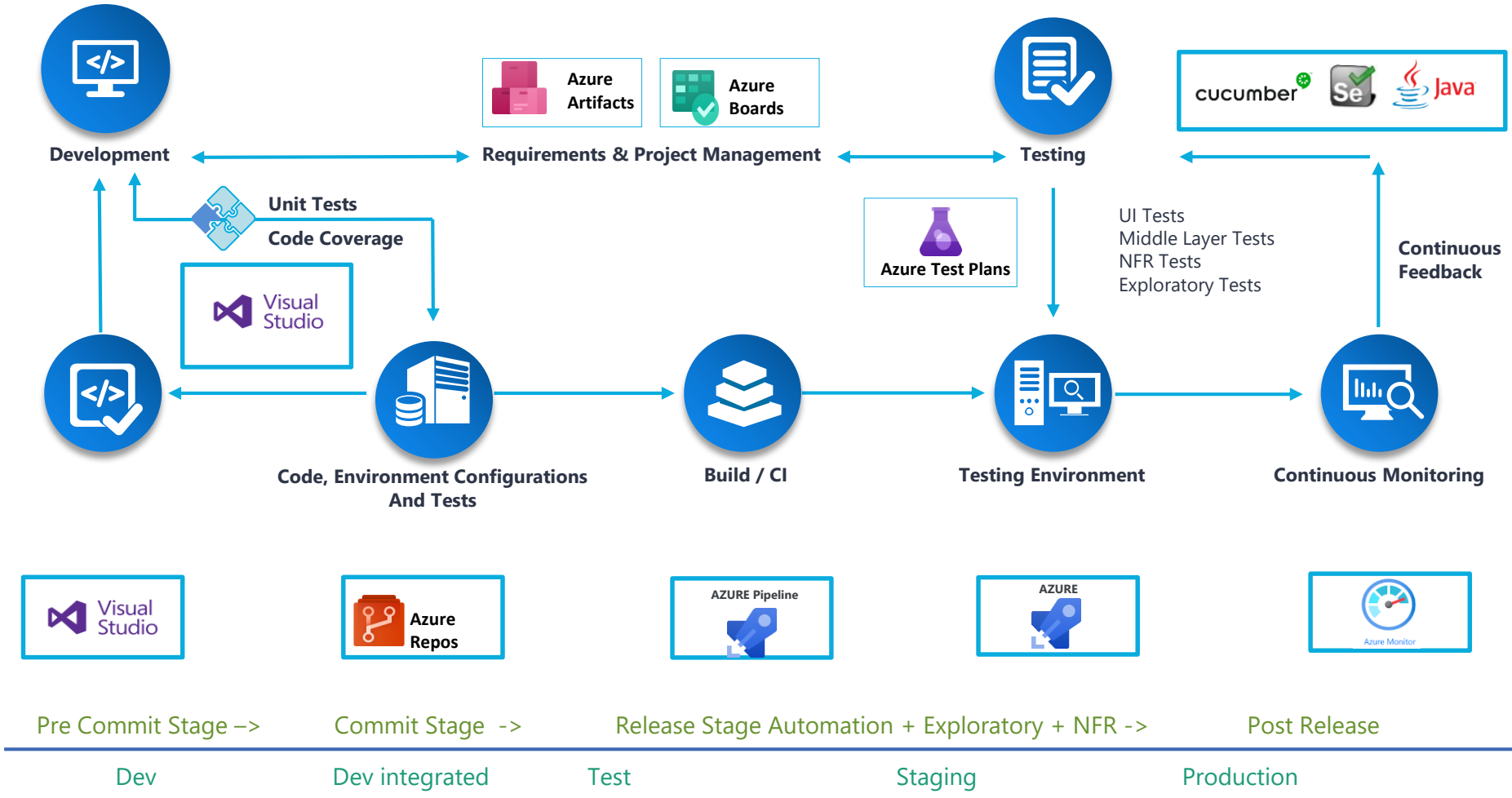
ALM Landscape – Test Integration with Azure DevOps



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Summary

- TFS Overview
- Connect TFS and choose Team project
- Create Test Plan
- Organize Test cases in Test suites
- Create a Requirement-based Suite

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- Create and Modify test cases
- Running Manual Tests
- Create and Manage bugs
- Searching Work Items in TFS

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Thank You!

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