

Introduction:

Agile and especially scrum has been a buzz word now a days. Most of the big IT brands have either already moved to scrum or in process of. If you are wondering how to effectively estimate and plan a scrum project, which rituals of scrum bring what value to project management, then this one day workshop is aimed to address the same. It will provide an opportunity to participants to learn how to effectively capture requirements as user stories, how to estimate the scope, planning for different horizons, monitor the scrum projects.

Learning Objectives: The course will enable participants to ...

- Learn how agile techniques are different and why
- Explore techniques to effectively capture requirements using user stories
- Explore techniques to estimate scope of work
- Learn how to create and maintain reliable plans
- Creating and maintaining different plans with varying levels of details
- Learn techniques to bring visibility and predictability in projects

Participants' profile:

- It would help if participants have worked on projects, project management background will be an advantage.
- Know-how about Agile would be nice to have but not a must requirement

Duration: 1 day

Course Outline:

Session	Duration (min)	What Is Covered	Method Followed
1	15	Introduction, expectation setting, agenda	
2	45	Quick overview of scrum Framework	• Presentation
3	90	Collecting requirements <ul style="list-style-type: none">• How to define requirements with varying levels of details• Understand requirements elicitation and specification• How this supports agile estimations	• Case study based • Activity based – participants to elicit requirements for a sample case study project
4	30	Estimating projects – part 1 <ul style="list-style-type: none">• Why estimation is challenging• Not knowing all details, but still having to estimate• Accept changing requirements, still having to estimate and plan• Estimating size, effort and duration – understand relative sizing	
		Lunch Break	
5	45	Estimating projects – part 2	• Case study based

Session	Duration (min)	What Is Covered	Method Followed
		<ul style="list-style-type: none"> Agile estimation techniques like poker, T-shirt sizing, etc (size, effort and duration estimates) Estimate user stories identified in previous session How it can help address challenge with uncertainty associated with estimates How is it different than traditional approach 	<ul style="list-style-type: none"> Activity based – participants to estimates requirements captured on previous day for a sample case study project
6	60	Planning projects <ul style="list-style-type: none"> Why up-front planning may not work How does agile planning work (planning onion) Release and sprint planning techniques How it can help address challenge with uncertainty associated with plans How is it different than traditional approach? 	<ul style="list-style-type: none"> White board discussion, demonstration in a tool
7	45	Monitoring project progress <ul style="list-style-type: none"> How does agile project monitoring work (planning onion) Release and sprint level monitoring techniques How it can help address challenge with uncertainty associated with plans How is it different than traditional approach? 	<ul style="list-style-type: none"> Interactive discussion + Presentation
8	20	Summarizing of whole day	<ul style="list-style-type: none">

Note: This overall flow of the course is subject to change based on participants' interactions & queries.