

Software Practices Immersion – 1 day Boot Camp

AGILE TESTING & TEST DRIVEN DEVELOPMENT

(This Program is Registered with PMI, USA and entitles PMPs to claim a credit of 7 PDUs online)

Program Objectives

Participants will learn core principles and techniques to implement Agile Testing in their Iterative Software Development Projects

Participants will learn the “How To” of Agile Test Planning, Story Test Driven Development, Agile Testing Practices and the principles of the Validation Approach to Software Development in Agile Projects

Concepts of Agile Exploratory Testing and Test Refactoring in Iterative Development Scenarios will be addressed.

Participant Profile

Agile Testing Team, Agile Team Members, Agile Customers, Product Owners, Quality Assurance Group Members, Quality Control Group Members, Agile Team Managers, Scrum Masters, Agile Product Architects

Program Schedule

Start Time: 9.30 am End Time: 5.30 pm
2 coffee breaks of 15 mts each and a lunch break of 45 mts

Program Coverage

- Overview to Agile Testing
- Validation Approach in Agile Software Development
- Elaborating the Story Acceptance Criteria in the Product Backlog
- Story Test Driven Development
- Principles of Test First Programming
- Creating a knowledge repository of Test Scenarios
- Agile Exploratory Testing Techniques
- Automating Functional Testing
- Harnessing Testing with Continuous Integration
- Functional Testing and Unit Testing
- Test Refactoring as Software Development Progresses through time-boxed iterations
- Usage Scenarios and Misusage Scenarios for Exception Testing
- Regression Testing
- Testing Performance Requirements (non-functional requirements)
- Metrics for Agile Testing
- Agile Testing Knowledge Management and Collective Wisdom

Program Faculty

This Boot Camp is moderated by our Managing Director, S.M.Kripanidhi. Kripanidhi has over 29 yrs experience, the last 20 years in the IT Industry. He has managed and executed over 35 software projects of size ranging from 20 to 200 man-months and has successfully managed the design and development of 6 software products.

In the last 8 years, he has conducted over 100 open workshops, over 500 in-house programs on Software Project Management, Agile Methodologies, Software Requirements Engineering, Software Estimation and other Software Engineering and System Engineering Disciplines

He has been involved in extensive research and practice of various Agile Methodologies and coaches software teams implement these practices. Kripanidhi has designed, developed and delivered customized programs for Centre for Technical Training (CTT), Philips Research Labs, Eindhoven, The Netherlands for their software professionals and technical managers worldwide. He is also an accredited trainer for LogicaCMG to deliver their proprietary project planning and tracking module for their project managers worldwide. Kripanidhi is a contributing author to the Agile Product and Project Management Centre at Cutter Consortium, USA(www.cutter.com)

Kripanidhi is a Certified Scum Master, Certified Lead Assessor: ISO-9000 Quality Systems (1993), Certified Management Auditor (1990), Certified Business Analyst (1991) and a Trained Trainer (1989)