

CELEBRATING  
**12 YEARS**

QualityThought®



# PROFESSIONAL **SCRUM MASTER**

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# PROFESSIONAL SCRUM MASTER

Scrum is a framework that helps teams work together. Much like a rugby team (where it gets its name) training for the big game, scrum encourages teams to learn through experiences, self-organize while working on a problem, and reflect on their wins and losses to continuously improve

While the scrum we are talking about is most frequently used by software development teams, its principles and lessons can be applied to all kinds of teamwork. This is one of the reasons scrum is so popular. Often thought of as an agile project management framework, scrum describes a set of meetings, tools, and roles that work in concert to help teams structure and manage their work.

Professionals working not only in the software development field also from the different domains can significantly benefit from the Scrum Master certification. This certification is advantageous for project managers, scrum masters, software developers, product owners, software architects, team leads, QA managers, and so on.

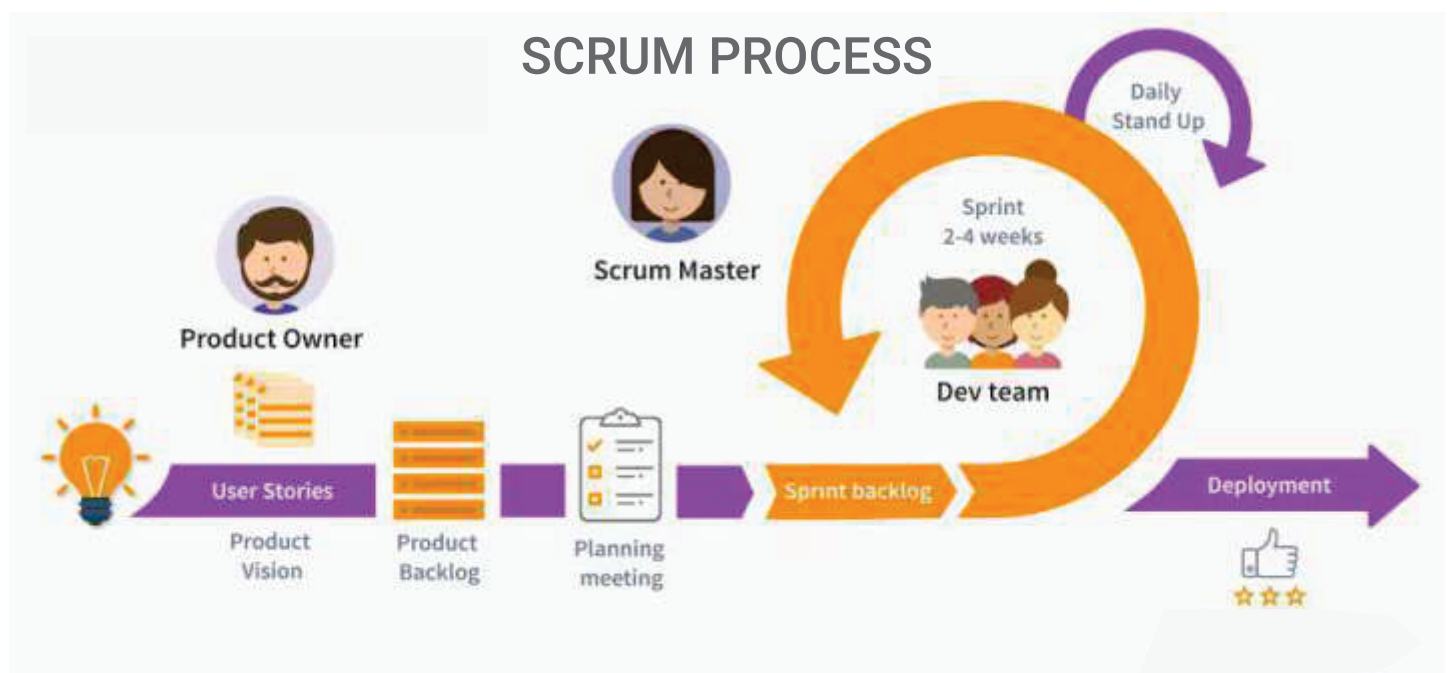
## WHY QUALITY THOUGHT

*Quality Thought has been a pioneer in the IT training industry for 12 years now, with a motto to upskill graduates and professionals fulfilling their dream IT jobs. With a team of highly dedicated and motivated Trainers, it ensures excellent quality and output for thier training programs.*

## Who will be benefited from this course?

Certified Scrum Master course is helpful for everyone who wants to become smart in implementing Scrum in their organizations. Doing a certification course in Scrum strengthens the Scrum Master's experience. This learning event is highly productive and effective for both leaders and members. As the course is completely revolving around the Scrum Master role, individuals who are planning to take up this role will get benefited more from this course.

There is one reputed company in Denmark that sends all the employees from receptionists to senior management to the Scrum training, in order to make them knowledgeable about Scrum concepts and enhance operations throughout their company.





## WHO IS ELIGIBLE

1. B.Tech/MBA graduated with 3 years gap
2. Working Professionals how want to upgrade thier Salaries.
3. People working Support/Operation Jobs
2. Non IT working professionals
3. Faculty/Professors
4. Zero Coding background
6. Passion to work on Management positions desired

## CASE STUDIES/PROJECTS COVERED

1. End to End practical Agile implementation for Data Science product
2. End to End Pratical Implementtaion of Insurance Project
3. End to End practical implementation of Ecommerce project"

**COURSE DURATION**  
**6 WEEKS**

**SESSION HOURS**  
**30 HOURS**



## MEET OUR MENTOR



### RAMANA BHUPATHI

Ramana Bhupathi has more than 15+ years of experience in the IT industry, of which 10 years+ has been in the training and coaching professional from IT organizations working in various roles and domains like Product Development, Marketing, Manufacturing, Energy etc, and also been helping clients with leading technologies and innovative ways of working to improve Agility. Apart from this he has run consulting business, started his own business, led IT organizations, built Agile Startups in Artificial Intelligence.

Ramana's skills have been Agile Transformation, Product Life Cycles, Project Management & Development in domains like Financial Services, Insurance, Trading, Risk Management & E-learning.

#### As an Enterprise Agile Coach:

- Training executives, program managers and teams in agile frameworks including SAFe, Scrum, Kanban.
- Providing strategy and operational coaching for teams and management.
- As a subject matter expert on Agile frameworks and processes
- Providing instruction and training to teams in the area of Agile principles, frameworks and values.
- Providing process direction to executives, management, PMO, and others as required for enterprise transformation.
- Facilitate team and organizational events and meetings as required such as PI planning and sprint planning, retrospectives, etc.



#### As a Sr. Agile Consulting Coach:

- Agile transformation project to migrate from a waterfall to Scrum/Kanban.
- Providing both strategic transformational support and team coaching.
- Moving clients to sustainable agile maturity within the organization.
- Serve as subject matter expert on agile principles, frameworks, and values.
- Provide instruction and training to teams in the area of agile principles, frameworks, and values
- Provided agile direction to management in regards to culture and organizational change as a Coach and SME for the agile principles, frameworks, and values.
- Facilitate team and organizational events and meetings as required such as PI planning and sprint planning, retrospectives, etc.
- Coach and mentor Scrum Masters and Product Owner in their respective roles to grow in maturity and influence within the team



# SCRUM MASTER CURRICULUM

## SDLC Overview

- SDLC Phases
- SDLC Approaches
- SDLC Models
- SDLC Roles
- SDLC Deliverables
- Traditional Software Development
- Waterfall Model
- V Model

## Agile Manifesto & Principles

- Customer Satisfaction
- Changing Requirements
- Deliver working software frequently
- Individuals and Interaction
- Working Software
- Customer collaboration
- Responding to change
- Self Management
- Cross Functional

## Understanding and Applying Scrum

- The Three pillars of Empiricism
- Inspection, Adaptation, Transparency
- Scrum Values
- Courage
- Commitment
- Focus
- Openness
- Respect
- Scrum Team Responsibilities
- Scrum Master Responsibilities day wise
- Product Owner Responsibilities day wise
- Scrum Team Responsibilities day wise



## Story writing workshop

- Product Idea
- Product Vision
- Initial Product Backlog
- Product Roadmap0
- EPICS, User stories
- Vertical slicing of User stories-Sizing of stories
- Definition of Ready
- Definition of Done
- INVEST CRITERIA
- Backlog refinement
- Story and Bug card checklist
- User Story/Bug fix definition of Done
- NFR's

## Scrum Cermonies workshop

### Sprint Planning

- Sprint work Distribution
- Capacity Management Template
- Sprint Goal
- Sprint Plan
- JIRA Configurations to Support Sprint Planning
- Challenges faced during Sprint Planning
- Best Practices to be followed during Sprint Planning
- Sprint Planning Template



### Sprint Estimations

- Estimation Methods-T-Shirt Sizing, Story Points, Person days
- Planning poker Technique
- Velcoity
- Scrum Cermonies Continuation

### Daily Scrum

- Story Board updates
- Confguring JIRA Story Board
- Identfyng blockers-Impdeiments Trackers
- Daily Scrum-10 days Simulation
- Best Practices to be follwoed in daily stand up
- Challenges faced during daily standup



## **Sprint Review meeting**

- Sprint review purpose
- Sprint review template
- Sprint review example
- Best practices to be followed during Sprint review
- Challenges faced during Sprint review

## **Sprint Retrospective meeting**

- Sprint retrospective purpose
- Sprint retrospective template
- Sprint retrospective example
- Best practices to be followed during Sprint retrospective
- Challenges faced during Sprint retrospective
- Discussion of delta of Process improvements
- At least 3 Retrospective live examples

## **Scrum of Scrums**

- Scrum of Scrums purpose
- Scrum of Scrums template
- Scrum of Scrums example
- Best practices to be followed during Scrum of Scrums
- Challenges faced during Sprint Scrum of Scrums
- Discussion of delta of Process improvements
- At least 3 Scrum of Scrums live examples
- Bi-Weekly tech execution report

## **Agile Metrics and Reports**

- Burndown chart-Based metrics
- Burn up chart-Based Metrics
- Velocity Chart-Based Metrics
- Agile Weekly Report
- Running Tested Features
- Metrics based conclusion for 1-2 projects



## ALM Tools -JIRA Practical

- Creating Backlog
- Linking story cards
- Story points
- Creating Filters
- Confluence documentation
- JIRA Story Board Configuration
- Adding new fields
- Import/export/Bulk update features
- Other apps in JIRA
- Customized fields imp in JIRA
- RALLY Overview
- Azure Devops Overview

## Sprint 0-Release Planning

- Planning for current release
- Preparing for current release
- Release Plan
- Backlog grooming/Refinement
- UAT Process
- Fix Version Process
- Intake Process
- Agile test Plan/Agile testing process

## Kanban overview

- Why Kanban
- Kanban vs Scrum
- Scaled Agile Overview
- Business Need for SAFe
- SAFe overview
- The Foundation of SAFe
- Lean Agile Leaders
- SAFe Principles
- Agile Release Train
- Planning Program Increment
- Executing a program Increment
- Inspect and Adapt
- Value Stream overview
- Portfolio overview





## **Project Initiation/Moblization overview**

- Technical Scrum Master topics
- TDD/BDD Frameworks
- Devops, CI/CD pipeline

## **Interview Questions**

- Resume preparation
- Projects
- Roleplay
- Certification Day

## **Interview Prep starts**

- Working as Scrum Master on Live projects



## STUDENT TRANSFORMATION STAGES



### OUR STUDENTS ARE PLACED IN
