# Mildain Solutions

# Scrum Agile Master Certified Training

**Duration: 32 Hrs**

## Objectives

- In SAMC certification, the candidates learn about the various agile concepts.
- This concept includes Scrum, Kanban, and Lean Software development.
- Participants receive hands-on practical knowledge on Crystal, DSDM (Dynamics System Development Methodology), FDD, and XP.

## Course Content

**Agile Overview**

- AGILE Defined
- Why use Agile?
- Adaptive Project Management
- The Agile Manifesto
- Principles of the Agile Manifesto
- Declaration of Interdependence
- What has changed?
- Difference between Waterfall and Agile

**Domains of Agile Practices**

- Value-Driven Delivery
- Adaptive Planning
- Team Performance Practices
- Agile Tools and Artifacts
- Participatory Decision Models
- Stakeholder Engagement
- Continuous Improvement

**Lean Kanban Software Development**

- Core Values

**Understanding Lean Software Development**

- Core Values
- Practices of Lean Software Development
- Iterative Development

## Understanding Kanban

- Kanban in software development
- Kanban Values
- Kanban Practices
- Definition of Lean Kanban
- Implementing Lean Kanban

## Scrum

- Overview of Scrum
- Brief History of Scrum
- Why Use Scrum?
- Scalability of Scrum
- Scrum Principles
- Scrum Aspects
- Scrum Processes
- Scrum and Kanban

## Extreme Programming

- Core Values
- Roles
- Practices
- XP release
- XP Artifacts
- Adopting XP
- XP Events
- Iteration

## Test-Driven Development

## DSDM

- Core Values
- Roles
- Practices

## Crystal

- Core Values
- Roles
- Practices
- The Process

**Feature Driven Development**

- Core Values
- Roles
- Practices
- The Process

**Comparison of Agile Methods**

**Best Fit Analysis Tool**