



## Agile/Scrum training

Duration : 2 days

### Agile Project Management and SCRUM

#### The Agile Manifesto

- Agile Values
- Comparing Project management and Agile Principles
- Transitioning from classic Project Management approaches to an Agile mindset

#### Rationale & Benefits of Agile

- History of Agile
- Empirical and defined processes
- The pillars of the empirical process
- The waterfall approach
- The iron triangle of project constraints
- Working with uncertainty and volatility
- Agile myths
- Empirical models for improvement and change
- Business culture and Agile
- The economic case for Agile
- The lifecycle of product development

#### Individuals and their Interactions over Processes and Tools

- Motivated and Talented Individuals
- Emergent design from Self-Organising Teams

#### Working Systems over Comprehensive Documentation

- Satisfy the Customer with Continuous Delivery of Value
- Deliver Working Systems Frequently
- Working Systems as a Measure of Progress
- Technical Excellence and Good Design
- Customer Collaboration over Contract Negotiations
- Business People and Developers Must Work Together
- Face-to-face Communications



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- Reflect and Adjust Regularly

### Responding to Change over Following a Plan

- Embrace Change
- Sustainable Pace
- Simplicity – The Art of Maximising the Amount of Work Not Done

### Common Agile Roles

- The Role of the Customer
- The Role of the Team
- The Role of the Agile Leader
- The Role of Stakeholders
- The Agile Mindset

### Common Agile Techniques

- User Stories
- Acceptance Criteria and Scenarios
- MoSCoW Prioritisation
- Estimation using Story Points
- Agile quality assurance and testing

### Common Agile Practices

- Short Feedback Loops
- Focus on Quality
- Emergent Documentation
- Visual Boards
- Team Synchronisation Meeting
- Show and Tells
- Retrospectives
- Continuous Improvement



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#### Relevant Methods and Approaches for Agile Teams

- Scrum
- XP
- DSDM Atern
- Kanban
- Lean
- Lean Start-up