Scrum Developer, Part 1 of 2: Concepts and Roles

Meet the expert: Patrick has worked in the Information Technology field for over 25 years and brings his extensive expertise to our courses. He has helped establish IT service management programs for a variety of organizations including pharmaceutical, energy, and software companies. Patrick was a part of one of the original service management teams in the United States. He has been a member of several CompTIA boards and is a member of the ITSM forum.

Prerequisites: There are no prerequisites for this course.

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Course description: Scrum Developer introduces the core activies of SCRUM. This corse will introduce you to the core principles, values and solutions for collaboration and teams. It will highlight Value based priority of features and go over concepts and principles, phases, vision, release planning and backlog.

Course outline:

Concepts and Principles
- Introduction
- Scrum Principles
- Empirical Process Control
- Self-Organization
- Collaboration
- Value-based Prioritization
- Time-Boxing
- Iterative Development
- Core Aspects
- Summary

Overview and Phases
- Introduction
- Scrum Overview
- Project Management as a Discipline
- Software Development Lifecycle Management
- Traditional PM
- History of Agile
- Agile Manifesto Principles 1-5
- Agile Manifesto Principles 6-12
- Agile Methods and Scrum History
- Scrum Benefits
- Scrum Scalability
- Scrum Phases
- Initiate
- Plan and Estimate
- Implement
- Review and Retrospect
- Release
- Summary

Creating the Product Backlog
- Introduction
- Create the Prioritized Product Backlog
- MoSCoW Analysis and Paired Comparison
- 100-Point Method
- Kano Analysis
- Other Considerations for Prioritization
- Outputs fo Planning the Backlog
- Summary

Creating the Project Vision
- Introduction
- Create the Project Vision
- Project Vision Meeting
- JAD Sessions
- SWOT Analysis
- Gap Analysis
- Outputs of Creating a Project Vision
- Summary

Epics and Scrum Team
- Introduction
- Develop Epic(s)
- Epics and Personae
- Outputs from Developing Epics
- Form the Scrum Team
- Outputs from Forming the Scrum Team
- Summary

Scrum Master and Release Planning
- Introduction
- Identify the Scrum Master
- Idnetify the Stakeholders
- Conduct Release Planning
- Outputs of Release Planning
- Other Considerations for Prioritization
- Summary