Scrum Developer, Part 2 of 2: Implementation and Review

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. Starting with the fundamental concept of iterative development, collaborate with stakeholders and manage risks. The SCRUM concepts covered will be user stories, tasks, daily standup. manage sprint backlog, restrospect and review

Course outline:

Estimate and Create User Stories
- Introduction
- User Story Meetings and Workshops
- Task Planning Meeting
- Write User Stories
- User Story Acceptance Criteria
- Outputs for Writing User Stories
- User Group Meetings
- Planning Poker
- Fist of Five
- Poits for Cost Estimation
- Other Estimation Techniques
- Outputs from Approve, Estimate and Commit Stories
- Summary

Estimate and Create Tasks
- Introduction
- Two Parts of a Task Planning Meeting
- Use Index Cards
- Decomposition
- Determine Dependencies
- Outputs for Create Tasks
- Task Estimation Meetings
- Establish Estimation Criteria
- Output for Estimating Tasks
- Summary

Estimate Project and Sprint Backlog
- Introduction
- Learning Objectives
- Terms to Know
- The Scrum Cycle: Plan and Estimate
- Create the Sprint Backlog
- Scrumboard
- Sprint Burndown Chart
- Velocity
- Sprint Tracking Metrics
- Summary

Conducting Daily Standup
- Introduction
- Conducting the Daily Standup Meeting
- Three Daily Questions
- The War Room
- Managing Distributed Teams
- Outputs from Conduct Daily Standup
- Summary

Creating Deliverables and Product Backlog
- Introduction
- Create the Deliverables
- Build Deliverables
- Refactoring
- Outputs for Creating Deliverables
- Product Backlog Review Meetings
- Facilitate Communications
- Outputs of Grooming the Backlog
- Summary

Scrum of Scrums and Demonstrate Sprint
- Introduction
- Projects, Programs, and Portfolios
- Scrum of Scrums
- Four Questions per Team
- Outputs from Scrum of Scrums
- Sprint Review Meeting
- Track Overall Progress
- Outputs of Demonstrate and Validate Sprint
- Summary

Sprint Retrospect and Review
- Introduction
- Conduct the Retrospect Sprint Meeting
- Explorer-Shopper-Vacationer-Prisoner
- Speed Boat
- Metrics and Measurement Review
- Outputs from Retrospect Sprint
- Terms to Know
- The Scrum Cycle: Review and Retrospect
- Summary