Scrum Master with PSM I Certification

Projects are increasingly choosing an Agile approach and Scrum is the most popular. Their main drivers are to produce software faster and cheaper but also to better align the business and users with the development team.

Training Overview

This training details agile processes and team dynamics, with a strong emphasis on the role of Scrum Master. It covers the benefits of working in Scrum, highlighting the differences between Scrum and traditional development methodologies. Practical exercises enable the understanding of the power of visual management and pursuing and resolving impediments.

The training concludes with the PSM I exam, provided by scrum.org. This certification was created in 2009 by Ken Schwaber, one of the founders of Scrum.

Training Objectives

This training takes an interactive approach to teach trainees to guide a team, a project or an organisation into a process of rapid delivery. Exercises, case studies and examples are used to assist in developing the knowledge, skills, capabilities and insights needed to shift from the traditional software development practices to the Agile approach.

At the end of the training, trainees have a clear understanding about the following:

- Why adopt Agile and Scrum?
- Principles and different roles and responsibilities in Scrum
- Implementing Agile practices for estimation, planning, project execution and monitoring
- Facilitating Scrum ceremonies and foster product quality

Target Audience

This training is intended for project managers, team leads, designers, developers, testers, software architects and anyone who is expected to lead Scrum projects and teams.

Prerequisites

Participants should have some basic knowledge about Agile and Scrum and want to deepen their knowledge about the Scrum framework and its applications.

Training Content

1. Agile Overview
   - Agile Definition
   - Agile Principles: The Agile Manifesto
   - Benefits of Agile
   - Understanding Agile for software development
2. Overview of Agile Methods
   - Scrum, Kanban, XP (eXtreme Programming), DevOps, Design Thinking, Kanban and Lean Startup
   - Adopting Agile Methods
3. Scrum: Agile Project Management
   - Architecture of Scrum and focus on product development
   - Roles and responsibilities in Scrum
   - Scrum: The rhythm of sprints
   - Importance of continuous improvement
   - SCRUM applied: key success factors and pitfalls

WHY ACADEMY!

4. Team Dynamics

- Stakeholders
- Teamwork, team spirit, self-organisation
- Leadership
- Effective communication and resolving conflict

5. Managing Requirements

- Product manager and product backlog
- Delivery plan
- Characteristics, performance and quality requirements
- Product completion level and tests
- Detailed specifications
- Requirements traceability

6. Scrum Process and Meetings

- Sprint, sprint activities, time boxing, sprint planning
- Product backlog, estimations and poker game
- Best practices for sprint backlog
- Daily Scrum
- Burndown Chart
- Sprint Review
- Sprint Retrospective
- Implementing Scrum difficulties and resistance
- Change management
- Best practices and common mistakes

Training Information

Training will be conducted by an experienced trainer and Agile Coach from why innovation!.

Each training will have a maximum of 12 participants.

Duration: 3 days (24 hours)
Location: Singapore/ Hong Kong/ Shanghai
Price: SGD 2,310/ HKD 13,500/ CNY 9,000
Certification Fee: SGD 210/ HKD 1,200/ CNY 1,100
Select more than 1 training to be eligible for a discount.

Related Trainings

1. Kanban & Lean Foundations
2. Scrum Master with PSM II Certification
3. Scrum UX with PSU Certification

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