Applying Professional Scrum for Software Development (APS-SD) Training

Practices for Scrum Teams to Frequently Deliver Quality Software

Applying Professional Scrum for Software Development (APS-SD) is an immersive 3-day hands-on course for software development teams that teaches why and how the Scrum Framework should be combined with modern DevOps engineering practices to improve the team's capability to regularly deliver quality software. It includes a free attempt at the globally recognized Professional Scrum Developer (PSD) certification exam and a discount for the Professional Scrum Master I (PSM I) certification exam. For more info please check the detailed course description.

Course Objectives

- Master in the quest of building and delivering high quality and valuable working software products
- Learn the different aspects of a Scrum Team and how Developers, the Product Owner, and the Scrum Master collaborate to get work done
- Understand how modern Agile engineering practices and supportive DevOps tools improve a team's capability to deliver working software
- Walk away with a handful of tips to identify common pitfalls and dysfunctions in Scrum

Learning by Doing

Students practice real-life Scrum while working in teams during a series of Sprints to build a realistic product.

They self-organize in Scrum Teams at the beginning of the course and are presented with a real-life software-based case study. During the course, they practice the Scrum Framework in multiple realistic Sprints, and are gradually introduced to Scrum mechanics, accountabilities, and principles. In this way, the entire Scrum Team learns the Scrum Framework through its practical application, which leads to a clear understanding of accountabilities and responsibilities both inside and outside the Scrum Team and removes common misunderstandings.

At the same time, the Scrum Team's capability to regularly deliver high quality working software can be improved by leveraging various modern DevOps practices and using smart integrated toolsets that support all roles and activities in the software development process. For that reason, this course introduces selected core engineering and technical patterns and practices like code reviews, continuous delivery, and automated testing, and explains why and how they perfectly complement Scrum. Students also experience working with an integrated DevOps toolset.

Who Should Attend?

With such a combined approach, this course is an ideal choice for development teams that have challenges with both processes and tools. It is intended for all members of a Scrum Team; architects, analysts, programmers, database developers, testers, IT-Operations and others, including Scrum Masters and Product Owners, and focuses on the entire team and its ability to use technology to deliver done increments of product functionality every Sprint.

Experiencing the class with your whole team will improve your way of working, no matter if you are just starting with Scrum or want to improve your Scrum practices. It will bring you on the same page regarding Scrum and build awareness around DevOps practices and tools that you should embrace to get work done. By experiencing the class as an individual, you will be able to transfer your learnings to your teammates and convince them of the advantages of using Scrum and DevOps.

Prerequisites: You should be familiar with Scrum. This is a hands-on course and you will need your own computer.

Languages: English, Croatian

Trainers: Ana Roje Ivančić and Ognjen Bajić

Contact: training@agilist.hr

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