Practicing Kanban Using Jira

PKJ | 1 Day

All software development teams have a desire to increase their flow and throughput. With the powerful combination of Kanban and Jira, they can do just that. This one day course will introduce Kanban and demonstrate how an agile team can configure and use Jira to effectively practice Kanban, achieve flow, and begin improving throughput and predictability. To maximize learning, students will work in teams, in a common project, on a common case study.

Who should take this class?

This course is appropriate for all members of a software development team, especially those who are actively involved with creating and refining a product backlog as well as planning and executing the work. This course will also provide value for individuals outside the development team (managers, Scrum Masters, coaches, and other stakeholders) who are interested in establishing and improving flow for their team.

Even teams currently practicing Scrum should consider attending this course, as Kanban is a great complementary practice for managing and improving their flow. For more information, read this guide.

Course content

This course contains several modules, progressively explaining Kanban's principles and practices and how to configure and use Jira to support them.

1. INTRODUCTION TO KANBAN
- Kanban overview
- Kanban core practices
- Kanban support in Jira
- Configuring a Jira project
- Managing a product backlog
- Hands-on

2. VISUALIZING THE WORKFLOW
- Kanban board overview
- Kanban board vs. a backlog
- Kanban board vs. a Scrum board
- Quick filters, card styles, and printing
- Defining the workflow
- Enabling the Kanban Backlog
- Making policies explicit
- Definition of Done
- Defining classes of service (swimlanes)
- Creating additional boards
- Jira workflows
- Hands-on

3. LIMITING WIP
- Work in Progress (WIP) overview
- Visualizing WIP limits
- Applying WIP limits to multiple swimlanes
- Creating a pull system
- Challenges with limiting WIP
- Bottlenecks and unbalanced workflows
- Hands-on

4. MANAGING FOR FLOW
- Flow-based metrics
- Cycle time vs. lead time
- Little's Law
- Flow-based analytics
- Cumulative Flow Diagrams, Control Charts, and Average Age Charts
- Third-party Flow Analytics
- ActionableAgile Analytics
- Monte Carlo simulation
- Achieving flow and increasing predictability
- Hands-on

Course Designer

This course was designed by Richard Hundhausen, Professional Scrum Trainer, author, and an experienced software developer. To see other developer courses, visit www.accentient.com.

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