



Agile Project Management using JIRA Software Training

Course ISI-1604 Instructor-led, Hands-on/Demo

Introduction

This course introduces students to JIRA Software, which is one of the most popular agile project management tools. Agile methods help in accelerating the delivery of initial business value. Continuous planning and feedback ensure that value is maximized throughout the development process. JIRA Software lets you manage project backlog, plan and execute sprints, and manage releases. It also lets you view useful reports, such as, velocity, various burndown / burn-up charts.

At Course Completion

After completing this course, students will be able to:

- Managing agile projects using JIRA Software
- Managing project backlog
- Managing iterations / sprints
- Managing releases / versions
- Managing project components
- Managing security
- Managing fields and screens
- Managing custom issue types
- Viewing various burn-down/burn-up reports

Prerequisites

Prior to attending this course, students should have Experience at the level of any of the following courses:

- Agile Fundamentals
- Certified ScrumMaster (CSM)

Course Outline

Module 1: NAVIGATING JIRA

- Connecting to JIRA Software
- JIRA Account
- System Dashboard

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- Sidebars
- Global Sidebar
- Search
- Help
- Dashboards
- Projects
- Boards
- Issues
- Project Sidebar
- Summary

Module 2: MANAGING PROJECTS

- What is a Project?
- What is a Project (Contd.)?
- Backlog
- Sprints
- Versions / Releases
- Issues
- What is Component?
- Project Name and Key
- Project Key Format
- Editing Project Key Caveats
- Editing Project Key
- Deleting Project
- Summary

Module 3: MANAGING VERSIONS

- What is Version
- What is Version (Contd.)?
- Merging Versions
- Other Version Options
- Version Fields
- What is Version?
- Summary

Module 4: MANAGING ISSUES

- Issues
- What are Epics?
- Epics – Types
- Creating a new Epic
- What is a Story?
- Creating a Story

- Story Estimation
- Tasks
- Sub-tasks
- Summary

Module 5: MANAGING SPRINTS

- Sprints
- What is typically done in Sprint Planning?
- Velocity
- Agile Board
- Sprint Naming Convention
- Sprint Execution
- Summary

Module 6: SEARCH & USING JQL

- Search
- Search Types
- JQL
- JQL Examples
- Sharing search result
- Save Search and Reuse in a Board
- Summary

Module 7: WORKING WITH JIRA DASHBOARDS AND REPORTS

- What is a JIRA Dashboard?
- Creating a JIRA Dashboard
- Choosing a Dashboard Layout
- What is a Gadget?
- Gadgets Available Out-of-the-box
- Adding a Gadget to a Dashboard
- Adding a Gadget to a Dashboard (Example Calendar Gadget)
- Moving a Gadget
- Removing a Gadget from a Dashboard
- Viewing Dashboard as a Wallboard
- Deleting a Dashboard
- JIRA Reports
- Generating a JIRA Report
- Generating a JIRA Report (Example – Burndown Chart)
- Viewing the Burndown Chart
- Report Categories Available Out-of-the-box
- Agile Reports

- Issue Analysis Reports
- Forecast & Management Reports
- For further details ...
- Summary

Module 8: JIRA AGILE

- Common Jira Software boards
- Scrum
- Agility
- Kanban
- Scrum vs. Kanban
- Scrumban
- History of Kanban
- Kanban for software teams
- Kanban boards
- Kanban boards (Contd.)
- Kanban cards
- The benefits of Kanban
- Planning flexibility
- Shortened time cycles
- Fewer bottlenecks
- Visual metrics
- Continuous Delivery
- Kanban – Kanban backlog
- Summary

Module 9: MISCELLANEOUS ISSUE FEATURES

- Voting
- Watching an Issue
- Adding/Removing Labels
- Linking Issues
- Linking Issue (Contd.)
- Commenting on Issue
- Attaching a File to an Issue
- Attaching a File to an Issue (Contd.)
- Cloning (Copying) an Issue
- Cloning (Copying) an Issue (Contd.)
- Cloning (copying) an Issue (Contd.)
- Viewing an Issue's Change History
- Viewing an Issue's Change History (Contd.)
- Summary



Module 10: MANAGING FIELDS & SCREENS (OPTIONAL: TIME PERMITTING)

- Fields
- OOB Fields
- Custom Fields
- Field Type
- Screens
- Summary