Using JIRA for Quality Assurance in Agile Training Course

Professional Development Training Course Outline

Category	Quality Assurance and ISO standards	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Agile methodologies have transformed how organizations deliver software solutions, emphasizing speed, collaboration, and continuous improvement. Within this framework, Quality Assurance plays a central role in ensuring that deliverables meet high standards of reliability and performance. JIRA, a leading project management and issue-tracking tool, is widely used to support Agile teams in streamlining workflows, monitoring defects, and enhancing transparency across development cycles. Using JIRA for Quality Assurance in Agile Training Course on leveraging JIRA for Quality Assurance within Agile environments, equipping participants with practical skills to track bugs, implement test management strategies, and improve overall software quality.

By combining real-world case studies, interactive sessions, and project-based learning, this training ensures that participants not only understand the technical functionalities of JIRA but also gain insights into best practices for Agile Quality Assurance. Learners will explore modules designed to integrate JIRA into sprint planning, test execution, defect management, and reporting, all while aligning with Agile values of collaboration and adaptability. The course emphasizes critical trending keywords such as Agile Testing, QA Automation, JIRA Workflows, Defect Tracking, and Continuous Delivery, ensuring participants are well-prepared for evolving industry demands.

Programme Curriculum

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Course Objectives

1. Understand Agile Quality Assurance fundamentals using JIRA.
2. Configure JIRA dashboards for defect tracking and QA workflows.
3. Apply JIRA for sprint-based test case management.
4. Integrate JIRA with QA automation tools for efficiency.
5. Enhance communication between developers, testers, and stakeholders.
6. Leverage JIRA filters and reports for quality insights.
7. Implement Agile testing practices with JIRA integration.
8. Identify and resolve bottlenecks in QA workflows.
9. Develop reusable JIRA test plans for Agile projects.
10. Optimize JIRA for continuous testing and delivery.
11. Apply JIRA metrics to monitor quality performance trends.
12. Use real-world case studies to analyze Agile QA challenges.
13. Gain hands-on experience with JIRA configurations for QA teams.

Organizational Benefits

1. Streamlined Agile QA processes across development teams.
2. Improved defect visibility and faster resolution cycles.
3. Higher software reliability with efficient JIRA test management.
4. Enhanced collaboration between QA, developers, and business units.
5. Reduced project risks through transparent issue tracking.
6. Accelerated product releases without compromising quality.
7. Scalable QA processes adaptable to multiple projects.
8. Increased ROI by optimizing JIRA for Agile workflows.
9. Strengthened organizational culture of continuous improvement.
10. Better decision-making through data-driven JIRA reports.

Target Audiences

1. Quality Assurance Engineers
2. Agile Testers
3. Scrum Masters
4. Product Owners

5. Software Developers
6. Business Analysts
7. Project Managers
8. DevOps Professionals

Course Duration: 10 days

Course Modules

Module 1: Introduction to Agile Quality Assurance and JIRA

- Overview of Agile testing principles
- Understanding the role of JIRA in Agile projects
- Key JIRA features for QA professionals
- Agile QA workflows in JIRA
- Collaboration benefits for QA teams
- Case Study: Using JIRA to align QA with Agile sprints

Module 2: Configuring JIRA for Quality Assurance

- Setting up JIRA for Agile QA processes
- Creating QA-specific workflows
- Customizing dashboards for defect tracking
- Managing QA permissions and roles
- Applying Agile board configurations
- Case Study: Configuring JIRA workflows for a QA team

Module 3: JIRA for Test Management

- Creating and managing test cases in JIRA
- Mapping test cases to user stories
- Tracking test execution using JIRA boards
- Organizing QA artifacts within JIRA
- Using JIRA add-ons for test management
- Case Study: Test case management for Agile releases

Module 4: Defect Management in JIRA

- Logging and categorizing defects
- Linking defects to requirements and test cases
- Prioritizing defect resolution in sprints
- Defect lifecycle management in Agile QA
- Analyzing defect trends and patterns
- Case Study: Defect tracking with JIRA for sprint reviews

Module 5: Advanced JIRA Reporting and Dashboards

- Creating QA-focused JIRA reports
- Configuring custom dashboards for Agile QA
- Using JIRA filters for test and defect visibility
- Tracking sprint-level quality metrics
- Sharing reports with stakeholders

- Case Study: Dashboard setup for QA leadership

Module 6: JIRA Integration with Automation Tools

- Connecting JIRA with test automation frameworks
- Syncing automated test results into JIRA
- Enhancing CI/CD with JIRA integrations
- Linking Jenkins and other tools with JIRA QA workflows
- Reducing manual effort through automation in QA
- Case Study: JIRA integration with Selenium for Agile testing

Module 7: Agile Sprint Planning with QA in JIRA

- Aligning QA activities with sprint goals
- Using JIRA for backlog refinement
- Estimating QA tasks in JIRA
- Tracking sprint progress with QA metrics
- Managing QA dependencies within sprints
- Case Study: Sprint planning with integrated QA in JIRA

Module 8: JIRA for Continuous Testing and Delivery

- Incorporating QA into Agile release pipelines
- Tracking continuous testing outcomes in JIRA
- Managing regression testing cycles
- JIRA workflows for release readiness
- Leveraging JIRA for DevOps collaboration
- Case Study: Continuous testing implementation with JIRA

Module 9: Scaling Agile QA with JIRA

- JIRA best practices for scaling QA
- Managing multiple Agile teams with JIRA
- Using JIRA for cross-project QA collaboration
- Advanced JIRA portfolio configurations
- Maintaining consistency across QA workflows
- Case Study: Scaling QA across Agile release trains

Module 10: QA Metrics and KPIs in JIRA

- Identifying key QA performance indicators
- Using JIRA data to measure QA success
- Automating QA metric tracking
- Benchmarking team performance
- Sharing KPIs with stakeholders
- Case Study: QA metric analysis using JIRA reports

Module 11: Enhancing Collaboration with JIRA

- JIRA features supporting cross-team communication
- Integrating QA updates with team stand-ups
- Using JIRA comments and mentions effectively

- Sharing QA insights through JIRA boards
- Improving transparency with real-time updates
- Case Study: Collaboration improvements with JIRA

Module 12: Identifying Bottlenecks with JIRA

- Detecting QA delays using JIRA data
- Analyzing sprint impediments
- Resolving workflow inefficiencies
- Root cause analysis using JIRA reports
- Improving QA process flows
- Case Study: Resolving QA bottlenecks with JIRA

Module 13: Implementing Best Practices for JIRA QA

- Standardizing JIRA usage for QA teams
- Applying Agile QA frameworks in JIRA
- Avoiding common mistakes in QA workflows
- Establishing JIRA governance policies
- Leveraging JIRA for long-term QA growth
- Case Study: Best practice adoption in Agile QA

Module 14: Hands-on JIRA QA Exercises

- Practical tasks for configuring QA boards
- Simulating sprint QA activities
- Executing defects and test management exercises
- Collaborative group projects in JIRA
- Building real-world JIRA QA use cases
- Case Study: Hands-on QA workflow simulation

Module 15: Final Project and Evaluation

- Comprehensive JIRA QA project
- Applying Agile QA skills in a real-world scenario
- Preparing JIRA reports for stakeholders
- Group presentations and peer review
- Evaluating JIRA QA learning outcomes
- Case Study: Full QA project execution in JIRA

Training Methodology

- Instructor-led training with live demonstrations
- Hands-on exercises and guided practice in JIRA
- Group discussions and peer-to-peer learning
- Real-world case study analysis for Agile QA scenarios
- Continuous assessments through module-based tasks
- Final project for practical skill validation

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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