Jama software®

Jama connect® Advisor

AI Accelerates and Enhances Quality of Test Case Generation with Jama Connect Advisor™

Complex products or projects require comprehensive testing to ensure that what's under development will meet quality and safety standards and customer requirements. Currently, test management often involves manual processes that are prone to human errors and are time-consuming. Making changes to requirements often leaves gaps in testing coverage, which can lead to quality, performance, or compliance issues that delay delivery and increase costs.

This is where AI comes in. Jama Connect Advisor, an add-on to the leading requirements management and traceability platform Jama Connect®, assists in authoring and reviewing requirements statements using natural language processing (NLP) analysis to provide scores and recommendations based on industry-accepted INCOSE rules and EARS notation. AI-powered Test Case Generation intelligently and automatically generates test case sets based on your specific requirements and parameters.

How It Works

Simply open any written requirement within a Jama Connect project, click the "Generate test cases" button, and watch as AI analyzes your needs, including test context, type, and industry vertical. Within seconds, the system generates detailed, relevant test cases for you to review and customize as needed.

For example, consider the development of an Okta integration for adding single sign-on (SSO) to a new application. Select "API" as your test context, "Security" as the test type, and "Software" as your industry vertical. With another click, tailor-made test cases are automatically generated complete with names, descriptions, and detailed step-by-step actions. You remain in control, with full freedom to edit, reorder, or add additional test steps to suit your unique processes.

KEY BENEFITS:

Save Time

Reduce the time and effort needed to create test cases based on your requirements by letting AI do the work, allowing your team to focus on higher-value tasks.

Improve Test Quality

Eliminate human error and boost traceability with AI-generated test cases tailored to your test context, test type, and industry.

Incorporate AI into Development

Elevate your development by integrating AI directly into your test case management.

With Test Case Generation, traceability is assured. Each test case is automatically linked to the original requirement within Jama Connect for complete clarity and accountability at every step. From functional tests to performance benchmarks, this AI-powered feature transforms repetitive, time-consuming tasks into streamlined processes, empowering your team to focus on quality assurance and innovation.

Take the first step toward optimizing your testing process with Test Case Generation in Jama Connect Advisor. With automation at your fingertips, you will transform the way your team collaborates on testing and development.

For additional AI initiatives under consideration, go to https://labs.jamasoftware.com