

Quality Copilot

Elevate software testing with the power of Generative AI

In today's rapidly evolving tech landscape, businesses must embrace Generative AI to stay competitive. As software development accelerates, the need for innovative testing solutions becomes paramount. Enter Quality Copilot: revolutionizing testing with advanced AI, ensuring precision and efficiency in every step.

Our cutting-edge GenAI-based testing tool

Developed by our experts at Nagarro, Quality Copilot is an intuitive tool that utilizes advanced AI engines and large language models. It streamlines testing by automatically generating test cases from user stories and crafting test scripts across various automation frameworks, thus optimizing efficiency and precision in the testing process.



Optimizing requirements

Quality Copilot consumes the existing user stories as an input and utilizes the power of large language models to share suggestions on how the requirements can be optimized.



Identifying test cases

You can use Quality Copilot to thoroughly examine the user stories and quickly produces functional test cases, covering every scenario.



Generating test steps

With Quality Copilot, you can effortlessly create test steps in the BDD Cucumber format, including test data. This improves the clarity of test scenarios, making them easier to understand.



Generating test scripts

Quality Copilot generates test scripts compatible with various automation frameworks, empowering automation testers to enhance their work efficiency.

Features

- Provides an intuitive AI-driven chat interface for editing and refining tests and requirements.
- Shares suggestions for optimizing the requirements.
- Gives the flexibility to generate test scripts in multiple languages.
- Ensures quick identification of test cases based on requirements.
- Provides integration capabilities with the tools utilized in the project.

Benefits

- Enhanced return on investment (RoI).
- Up to 70% time-saving while creating test cases, test steps, and automation test scripts.
- The generated test artifacts maintain a high degree of quality and accuracy.
- Optimal test coverage by covering all test scenarios while also saving time.

Case study

Our client, the world's largest international health & beauty retailer, faced a challenge in managing test cases across its diverse business units due to complex system interconnections. Despite this, we helped them achieve a remarkable 46% RoI achieved through meticulous test case creation, along with a commendable 79% test coverage. Additionally, we also achieved significant time savings of 75 minutes per user story for test case generation and 5 hours for test script creation per user story for new modules, which demonstrate substantial efficiency gains.

Integration capabilities



Azure DevOps



XRAY



git



Jira Software

Interested?

Join us in understanding how AI is rewriting the rules of software testing. Visit us online to learn more about Quality Copilot and request a demo: go.nagarro.com/quality-copilot.



About Nagarro

Nagarro helps future-proof your business through a forward-thinking, fluidic, and CARING mindset. We excel at digital engineering and help our clients become human-centric, digital-first organizations, augmenting their ability to be responsive, efficient, intimate, creative, and sustainable. Today, we are 18,000 experts across 36 countries, forming a Nation of Nagarrians, ready to help our customers succeed.

For more information, visit www.nagarro.com.