

 Panaya

AI-Powered Test Automation



Welcome to the future
of ERP and business application testing!

The Challenge

Enterprises must quickly deliver high-quality software while integrating diverse applications and technologies. Manual testing and traditional automation methodologies can be slow, and resource-intensive, creating bottlenecks in the development pipeline.

Why AI?

AI-powered test automation helps overcome these challenges by enabling higher automation rates, reducing maintenance efforts, and ensuring faster time-to-market. GenAI further simplifies this process by allowing users to use natural language prompts instead of coding or recording. This saves time, streamlines test creation, and ensures robust support across various technologies, fostering innovation without compromising quality.

Here's how GenAI can elevate your test automation

- **Automate Test Creation:** Describe scenarios in natural language to generate codeless test scripts, reducing development time. Panaya's AI-powered ScriptBuilder handles actions, assertions, value extraction, and synthetic data generation.
- **Seamless Migration:** Transform manual test scenarios into automated scripts with GenAI, streamlining the transition and speeding up adoption.
- **Intelligent Maintenance:** AI-driven self-healing locators adjust to UI changes, ensuring resilient and up-to-date tests with minimal manual intervention.
- **Test Automation Assistant:** Get real-time assistance with script writing and complex operations like custom code or locators, ensuring clarity and precision without manual effort.

Key Use-Cases in Functional Test Automation

Regression Testing

Automate repetitive test cases to save time and ensure consistency while maintaining system integrity. Cover various business processes and workflows by automating a wide range of test scenarios.

Data Migration Testing

Ensure accurate and complete data migration from legacy systems with automated validation checks for consistency. Mitigate risks by automating critical test cases.

Business Process Testing

Ensure seamless functionality across applications and modules through cross-application testing. Automate specific business scenario tests to ensure correct ERP functionality.

Continuous Testing

In a DevOps environment, continuous testing integrates automated tests into the continuous integration/continuous deployment (CI/CD) pipeline, enabling teams to detect and fix issues rapidly.

Why Panaya?

At Panaya, we leverage our extensive AI expertise to guide you on what to test , what to automate and how, propelling you into the fast lane of effective automation like no other. Our platform is designed to simplify your testing processes, providing an intuitive, codeless, user-friendly experience ultimately enhancing the quality of your applications.

100%

Ease of Use

Intuitive, codeless test automation solution, accessible to everyone



Time & Resource Savings

Reduce testing time by over

50%



Increased Coverage
and optimize test cycles by

85%

100%

Precision & Adaptability

AI-driven tools ensure comprehensive and accurate testing

Meet Seemore

Introducing Seemore, Panaya's AI Co-Pilot, your intelligent companion for managing complex testing projects. Leveraging Panaya's deep domain expertise and vast data resources, Seemore delivers a breakthrough in the test management experience. Here's what makes Seemore indispensable:



Instant Real-Time Testing Project Insights

Immediate insights with advanced analytics and progress reports.

Personalized Next Steps

Tailored actions based on different team roles to boost productivity.

Expert Guidance & Support

Expert advice for SAP, Salesforce, Oracle Fusion, with guidance and support on product features.

Proactive & Prompt Assistance

Pre-emptive recommendations and quick responses to streamline testing and optimize business workflows.

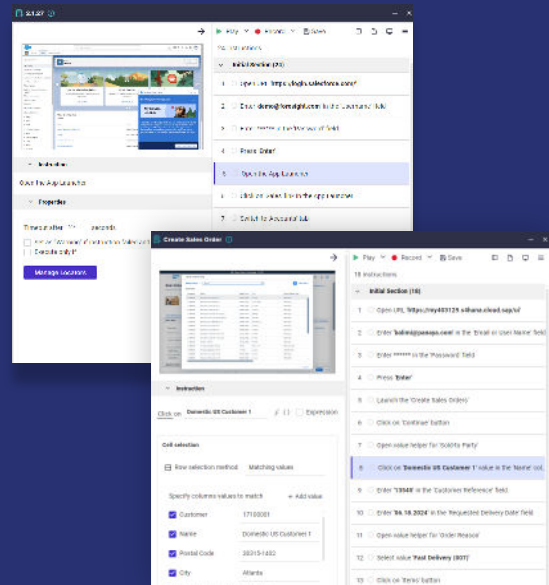
AI Test Automation Engine for ERP, CRM, and Cloud Applications

Seamless Integration

Optimized for SAP, Oracle, and Salesforce environments.

Resilient Scripts

AI-based self-healing locators adapt to UI changes, minimizing maintenance.



You Talk – We Automate! With GenAI

Spoken English Prompts

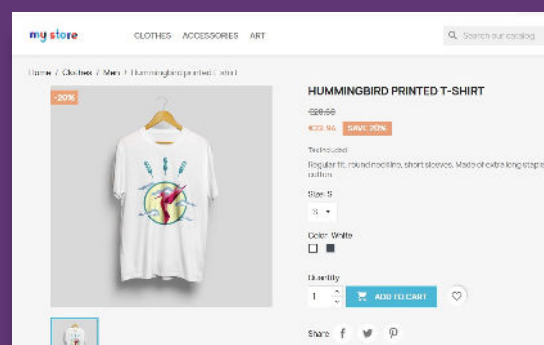
Automate tasks with intuitive commands (e.g., “Is the stock quantity higher than 100?” or “Capture the sales order amount without the currency symbol”).

Automate Data Preparation

Instantly generate high-quality synthetic test data.

Maximize Flexibility

With dynamic script parameters in prompts.



Capture screen element

Example from the recording:

Captured value: Save 20%
Final value: 0.20

Parameter name: Discount

Add snipping option

Use AI

Just the percentage in decimal format

Edit

Automation Engineer Assistant

Code Generation

Automatically generate and explain code snippets.

Complex Expressions

Simplify the creation of complex expressions and locators.

Efficiency Boost

Reduce time spent on coding tasks, enhancing productivity.

The screenshot displays two panels of the Automation Engineer Assistant. The top panel, titled "Create JavaScript code using AI", features an "Ask AI" input field with the following text: "Call the following API 'https://dummyjson.com/products/1' using GET. Add a header 'Content-type': 'application/json'. Get the result as JSON. Parse the JSON and put the value of 'price' field into a variable 'latest_price'". Below the input are "Send" and "Close" buttons. The bottom panel, titled "Execute code", shows the generated JavaScript code in a text area. The code is as follows:

```
JavaScript code
1. let url = 'https://dummyjson.com/products/1';
2. let method = 'GET';
3. let headers = {
4.   'Content-Type': 'application/json'
5. };
6. }
7. let response = response.send();
8. let data = {
9.   latest_price: data.price;
10.  };
11. }
12. console.log('Latest price:', data);
```

AI-Powered Self-Healing Locators

Dynamic Locator Replacement

Automatically generate alternative locators when pre-defined ones fail.

Enhanced Test Resilience

AI-driven self-healing improves script stability and reduces maintenance.

Minimized Downtime

AI adapts to dynamic web elements, ensuring smooth test automation despite frequent UI changes.

The screenshot shows a list of test steps. Step 4 is highlighted with a red border and contains the text: "Click on 'Continue' button". Below this step, a "Self healing locator" is provided: "//button[@id='logOnFormSubmit']".

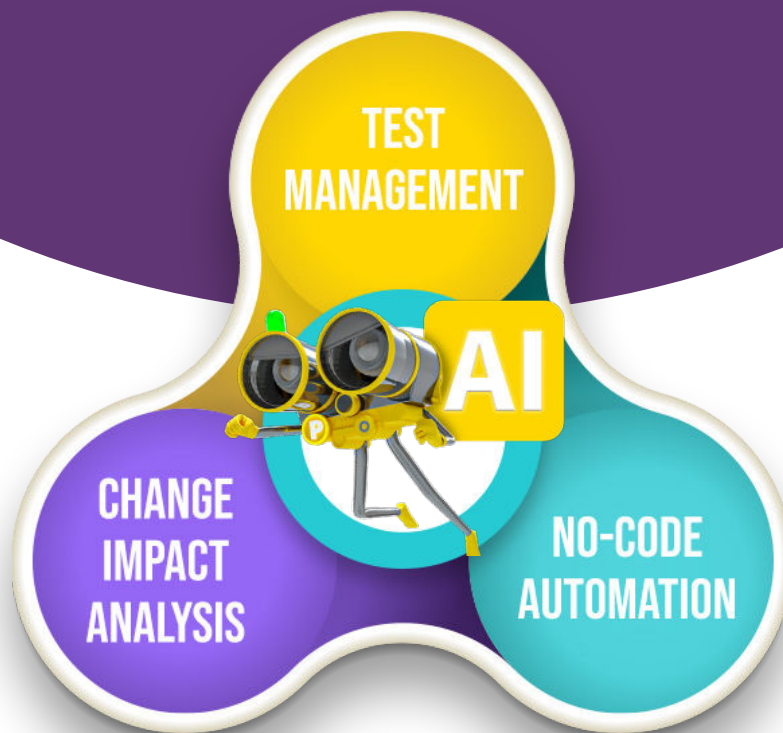
- 3 Enter ***** in the 'Password' field
- 4 Click on 'Continue' button
Self healing locator: //button[@id='logOnFormSubmit']
- 5 Click on 'Billing' Menu item
- 6 Launch the 'Manage Billing Documents' Tile



1 Native Platform

Combining Impact Analysis,
Test Management & Automation

to ensure seamless operations with minimized risk across your
Enterprise Business applications.



About Panaya

Panaya, a SaaS-based company certified by SAP, Oracle, and Salesforce.com, offers an all-in-one platform for Smart Testing solutions and Change Intelligence tailored for ERP, CRM, and cloud business applications. Panaya accelerates and de-risks digital landscapes with AI-powered Test Automation, Test Management, and Impact Analysis. Panaya's focus on ease of use and an intuitive interface ensures seamless collaboration between business and IT, empowering business users and IT professionals to gain real-time visibility and control over their projects. This capability enables faster releases and continuous delivery of high-quality software. Since its founding in 2006, over 3,000 companies across 62 countries, including a third of the Fortune 500, have trusted Panaya to drive rapid, quality testing and change management in their enterprise business applications.

**Don't just take our word for it,
Put us to the test.**

Go On - Test Us!