



Effective Use of AI to Create Test Data in Reduced Time for an Error Reporting Solutions Provider

THE CUSTOMER

The customer is a leading US-based continuous test and error reporting solutions provider. They help enterprises ensure that their websites and applications run flawlessly across devices. They also help businesses deliver a 360-degree view of the users' overall experience of using an application. This has helped ensure the quality of user experience and application performance across browsers and devices stay intact.

THE CONTEXT

The customer wanted help with test data creation in Salesforce. They wanted to minimize the time taken to generate test scripts. They also wanted to reduce the total hours and efforts invested in testing, maintenance, and enhancement.

THE OBJECTIVE

The customer wanted the UAT team to be able to create test data creation, with the help of AI bots. They also wanted to save the UAT team's time spent testing every release.

KEY HIGHLIGHTS



Quicker Testing Turnaround Time



Faster Defect Detection



ROI on Time Saved



93% Test Coverage Reported

THE SOLUTION

Team Grazitti enabled the customer to:



Maintain automation scripts efficiently in spite of regular DOM changes due to Salesforce releases.



Create data maps and enable AI to learn and decide the most appropriate value for the element identifier.



Configure bots that could be used across different projects to accelerate the testing time.



Minimize the time taken to create a new test case by selecting different designed components and providing relevant values.



Identify the elements accurately using XPath added to bot parameters.



Achieve a massive test coverage percentage with no bug slippage.



Speed up their turnaround time during the RPA process.

THE OUTCOME

The customer is now able to effectively execute the test scripts associated with the specific Salesforce object. This has helped the customer ensure seamless integration of page validation and functionality validation. They are also able to save time during UAT and release testing with the help of automated functionality.

The implementation of Robotic Process Automation (RPA) helped the customer create the required test data in Salesforce. The RPA process enabled a self-healing mechanism and also augmented progressive AI learning to quickly determine if any element underwent any significant DOM changes.

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SCAN CODE

