

# Agentic Browser Testing

by iSoftStone

## *Transform Your Enterprise QA with AI-Powered Test Automation*

The Agentic Automation Framework brings together Microsoft Playwright, VS Code Model Context Protocol (MCP), and AI-powered agents to deliver a next-generation enterprise testing platform. Built for QA teams that support SAP Fiori, ERP, CRM, and web-based applications at scale.

80% Faster QA

Self-Healing Tests

Complete Coverage

Microsoft Azure Marketplace

# Agentic Browser Testing

## HOW IT WORKS

### 1 Define Test Scope

Business users specify test areas (login, checkout, workflows) in natural language

### 2 AI Generates Test Cases

Agentic AI creates comprehensive test cases and identifies gaps in your test library

### 3 Execute & Heal

Tests run automatically; self-healing agent diagnoses and fixes failures in real-time

## THE RESULTS FOR YOUR ORGANIZATION

### 80% Faster QA

Replace manual testing workflows with automated execution

### Self-Healing Tests

AI diagnoses root causes and repairs failing tests without human intervention

### Complete Coverage

AI identifies gaps; agents auto-generate missing test cases

## KEY CAPABILITIES

- ▶ Test Planner Agent: Auto-generates test plans from natural language requirements
- ▶ Test Healer Agent: Diagnoses and repairs failing tests using AI analysis
- ▶ Allure Reporting: Rich visual reports with screenshots, video, and trace files
- ▶ Data-Driven Testing: CSV-based parameterized scenarios for broad input coverage
- ▶ Cross-Browser: Chromium, Firefox, WebKit in one unified suite
- ▶ CI/CD Integration: GitHub Actions, Azure Pipelines, Jenkins out-of-the-box

## TARGET WORKLOADS

- ▶ SAP Fiori purchase and sales order workflows
- ▶ ERP inventory management
- ▶ CRM lead processing
- ▶ E-commerce checkout flows
- ▶ Any web application requiring browser-based testing

 Built for QA teams supporting enterprise apps at scale

## WHO IT'S FOR

QA leaders • Dev teams in high-velocity release cycles • Business teams testing login, checkout & order workflows

 Get It on Azure Marketplace →