

❖ Case Studies

1. Bennett Web Group (USA) <https://thomasgbennett.com>

→ About Project : Christie Cookie Co

They are leading online cookies and bakery items sellers in the USA. They have online e-commerce website : <https://www.christiecookies.com>

→ Challenge :

Frequent code change, UI updates which break tests and slowing releases.

→ Solution :

AI Based test impact analysis tool selection. We integrated a tool called **Launchable** (<https://www.launchableinc.com>) This tool triages and analyses failures on each run which helps to select only the most stable tests to run.

→ Result

40% reduction in test execution time, 75% faster defect identification.

2. Lineaje Inc (USA) <https://www.lineaje.com>

→ About Project :

Lineaje provides full-lifecycle software supply chain security to meet the specific compliance, governance and automation needs of companies that source, build, buy or sell critical software.

→ **Challenge :**

They were looking to automate 2000+ test cases using playwright and python. Based on the scale of test cases it was not possible to automate in a given time frame.

→ **Solution :**

There are 2 things we have used here to speed up the automation.

1. **CodeGEN AI**
2. **Github Co-Pilot**

Playwright Codegen has generated 90% locators and 30% code automatically.

Github Co-pilot has helped to establish framework and follow best practices on the same.

→ **Result**

We were able to deliver 2000+ tests automated on time with coding standard and report integration.

It is a mobile application called Client Access by Raymond James. Clients can manage their funds, assets, can do bank transactions and other banking operations. Most Banking operations here.

3. Fiddler Inc (USA) <https://fiddler.qa.fiddler.ai>

→ **About Project :**

AI Observability platform that enables organizations to get ahead of these issues by building trustworthy, transparent, and understandable AI solutions.

→ **Challenge :**

They were looking for no code or low code test automation and with very low maintenance.

→ **Solution :**

We used momentic.ai where tests can be automated using plain english language and this tool uses Natural Language Processing to process and execute the tests.

→ **Result**

We created multiple test suites and automated a large number of test cases without coding. Clients no need to maintain anything , They just need to run when needed and the result will be there in a few minutes only. Release testing got faster 80%.

Thank you