



OFFERING DESCRIPTION **2018**

Go from zero to an enterprise-ready test automation framework in 6-8 weeks.

OVERVIEW

Sauce Labs understands the challenges that software teams face when moving from legacy testing methodology to Continuous Testing. Many organizations who try to do this on their own face a number of pitfalls, causing their efforts to languish before they can see the true benefit to their business. This is why we created the Sauce Start program - to help our customers experience the immediate impact of Continuous Testing.

With the Sauce Start program, our Solutions Architect will provide services to develop an end to end test automation solution leveraging modern technologies, and integrate best practices into the customer's software development life cycle. The engagement will consist of designing and executing the solution as well as educating and developing a plan for long term success. The objective is to implement a solution which will show tangible value in driving the customer's specific test automation goals.

WHO SHOULD USE SAUCE START?

Teams who benefit most from the Sauce Start program share at least one of these issues:

- Using legacy (Mercury/HP) test automation solutions, and looking to move to modern test automation tools and technologies
- Manual Testers (or Organizations) with little or no test automation experience
- Manual Testers (or Organizations) with little or no Selenium/Appium knowledge
- Using record and playback scripts/tools and looking forward moving to modern test automation methodologies
- Test automation using modern test tools like Selenium/Appium currently in place, but having flaky tests or repeated/random test failures
- Test automation using modern Test tools like Selenium/Appium currently in place and successfully running tests sequentially but lacking parallelization/cross browser capability to reduce test execution time using cloud platforms like Sauce Labs
- Test automation using modern Test tools like Selenium/Appium currently in place and successfully running but lacking integration with Continuous Integration and Continuous Delivery (CI/CD) Tools to be part of DevOps life cycle

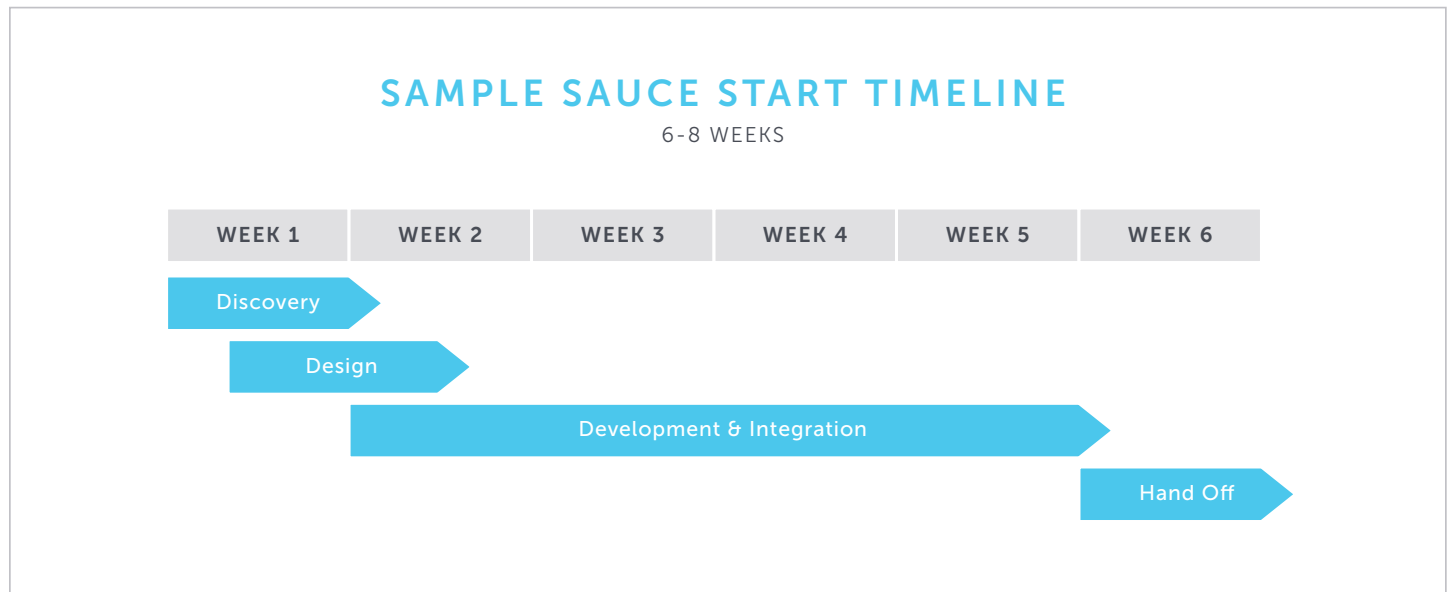
** No matter which of the above applies to you, ideal teams for Sauce Start should also be committed to advancing in their DevOps/Agile processes and prioritizing a long-term strategy for sustainable test automation*

SERVICES REVIEW

In this engagement, the Solutions Architect will work with the customer success team to identify what application feature set will fall into the scope of delivery. We will design the test architecture and create sample test scripts for a subset of the overall application test suite. The Solutions Architect will execute the test scripts using the designed architecture and workflow, and then track results such as test execution time, browser coverage, etc. The final delivery will include a readout of these results along with a recommended plan for long term growth of test automation processes and test coverage using industry best practices using modern Test Tools, Technologies, and Platforms.

PHASED DELIVERY APPROACH

Our delivery approach is designed for optimal efficiency, with a typical completion time frame of 6-8 weeks. We will work side by side with your team to provide knowledge transfer and explanation of architecture choices as we implement the solution.



DISCOVERY

In this phase, we will identify the key objectives that are most critical to deliver in order to show clear and tangible value to the customer. We will start by identifying the application under test, the tools that are in place today, the skills of the existing team and what is the preferred long term strategy for the customer.

DESIGN

The Solutions Architect will define the automation architecture to use including the coding language of choice, the automation framework that is most appropriate to use, the integration into the existing Continuous Integration and Continuous Delivery (CI/CD) pipeline and the scope of test cases which will be automated as part of this engagement including running parallelly on Sauce Platform.

DEVELOPMENT AND INTEGRATION

The majority of the engagement work will be completed in this phase. In this phase, the Solutions Architect will first implement the necessary tools to integrate the test automation framework into the customer's environment. Then the Solutions Architect will develop the test scripts to automate the predetermined test cases. These test cases will be executed in an end to end fashion and triggered by the predetermined release events. All results will be recorded and prepared into a report documenting specific metrics such as time to execution, test failure rate and browser coverage etc.

In addition, the Solutions Architect will develop a custom long term recommendation plan to define the steps necessary to take the new approach and roll out into a complete production test automation solution.

HAND-OFF

In this final phase, the Solutions Architect will provide a detailed report of results in a presentation format that shows how the implemented solution meets the customer's specific objectives including recommendation for a long term scale-out plan. This phase also include any final knowledge transfer with key team members to ensure all of the technical pieces such as the automation framework, test script design approach, CI integration maintenance, etc. is well understood and ready to be owned by the customer to enhance/add additional test coverage.

DELIVERABLES AND OUTCOMES

