SENSIPLE

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Case Study -Test Automation

Using Katalon Studio

Client - Overview

A leading provider of health care credentialing services with the most current, accurate, and comprehensive data and technology tools. These tools enable the customers to build and sustain a fully screened, monitored, and compliant workforce.

A cloud-based healthcare credentialing and management tool and is the primary source data to help protect patients, sustain reputation, ensure compliance, and speed onboarding. The MedPass is created from the CheckMedic process and is an all-inclusive, portable profile on healthcare providers.

Business Challenge

Project Objective :

To automate the regression test cases of CheckMedic application and important to keep the scripts very simple. It is required to eliminate any chances of redundancy in the framework and the most important requirement for the framework was to have an easy-to-use interface.

Challenges :

✔ The CheckMedic application interacts with the webservices whereas the automation tools does not support both webservices and functional at the same time.

✔ We have to identify the critical sections of the application without having the business requirement document since this was a legacy application.

✔ As in Agile approach, there were frequent changes in the application so we have to modify the test scripts frequently.

Business Solution - Implemented

✔ The feasibility study made us to automate the application from the scratch using Katalon Studio with basic scenarios as priority.

✔ The complex scenarios were easily identified and automated with simple code for a better understanding.

✔ Enabled to reuse the code for the regression suites which became effective, reliable way of automation.

✔ The webservices test cases was also enhanced based on the productivity achieved in the functional perspective.

Business Benefits

- The business has enabled us to implement the automation framework with a completely new automation tool.

- The automation framework and keywords can be reused for any type of application and the effort in plugging the new projects into the framework would be very less.

- Keywords were developed that would work on multiple applications that share the same functionality.

- This solution will allow users who does not have exposure to automation testing to use the framework and interpret the results of the test execution.

- This implementation enabled us the following benefits.

  - Selective test execution

  - Multiple test suite execution in multiple browsers

  - Parallel execution in multiple instances

  - Web based reporting