

# Nunit UI Automation



Our client is a global provider of a platform for automation software, and it provides a cloud-based platform delivered as a low-cost Software as a service (SaaS) model which is utilized by the world's leading vendors, our automation platform automates the delivery of their global partner programs. The requirement of the client was to automate the archiving process. The testing team uses the Nunit framework which provides the facility to write test cases in the simplest way that anybody can be able to understand. This methodology involved creating reusable user-defined libraries, test data, recovery scenarios, etc.

We have created a new Page Object Model framework where we have maintained Smoke, Sanity, and Regression pack in a single framework. To enhance reporting for the execution of test cases, we have implemented reporting which will give you an extensive report as well as an integrated Azure DevOps report with email notification. The most important thing implemented CI/CD with the help of Azure Pipeline, and we have created a build and release pipeline that will automatically get triggered after finishing of development release to reduce manual intervention.

As a result, the client got a highly maintainable test suite and reduced the turnaround time for regression test execution. The client also reaped the cost and time benefits due to test automation.

