



Case Study: BMO - Test Automation Framework

CHALLENGE & TEST REQUIREMENTS

- To facilitate Smoke and Regression Testing seamlessly across Local Desktop, Perfecto Mobile Real Device Cloud and Amazon Web Services VMs in a Parallel Concurrent manner.

SOLUTION & APPROACH

- Selenium with Java - Data Driven; Maven, TestNG and Allure Frameworks

TEST TYPES

- Page Completeness (objects, images, etc.), Link Verifications, Data Validations, Functional Testing of Calculators (mortgage, insurance, etc.), Business Rule Testing, and more.

SOLUTIONS & APPROACH

The screenshot displays a test automation environment. On the left, a file explorer shows the project structure for 'bmo_project_repository', including source code for 'com.QAC.BMO' and test resources. The main area shows two mobile device emulators: a Samsung Galaxy S6 and an Apple iPhone-6. Both devices display the BMO website's 'Easy Term' page. The Samsung device shows a form with 'Male' and 'Female' buttons, and the iPhone device shows a date picker set to 'Sep 12, 1942'. A red play button icon is overlaid on the iPhone screen. On the right, a terminal window shows the execution of a Maven test suite, including logs for 'Building MavenFramework 1.2.0', 'maven-resources-plugin', 'maven-compiler-plugin', and 'maven-surefire-plugin'. The terminal output includes 'TESTS' and 'Running com.QAC.BMO.MavenFramework.TestRunner'.

