



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, an IDE shows a project structure with packages like 'com.QAC.BMO' and 'src/test/java'. In the center, two mobile device emulators are shown: a Samsung Galaxy S6 displaying a 'Easy Term' form with 'Male' and 'Female' buttons, and an Apple iPhone-4 displaying a 'Bank of Montreal' app with a '1/2' progress indicator and a date field set to 'Sep 12, 1942'. On the right, a terminal window shows Maven build logs for 'Building MavenFramework 1.2.0' and TestNG test execution results, including 'Running com.QAC.BMO.testframework.TestRunner' and 'Configuring TestNG with TestNG62Configurator'.

