

## Acceptance Testing UAT Execution & Report Submission

|               |                                   |
|---------------|-----------------------------------|
| Date          | 19 November 2022                  |
| Team ID       | PNT2022TMID35525                  |
| Project Name  | AI discourse for Banking Industry |
| Maximum Marks | 4 Marks                           |

### 1. Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the SAV Bank project at the time of the release to User Acceptance Testing (UAT).

### 2. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

| Resolution     | Severity 1 | Severity 2 | Severity 3 | Severity 4 | Subtotal |
|----------------|------------|------------|------------|------------|----------|
| By Design      | 1          | 5          | 7          | 8          | 21       |
| Duplicate      | 1          | 0          | 0          | 0          | 1        |
| External       | 2          | 3          | 0          | 1          | 6        |
| Fixed          | 5          | 2          | 3          | 10         | 20       |
| Not Reproduced | 2          | 0          | 0          | 0          | 2        |
| Skipped        | 0          | 0          | 0          | 4          | 4        |
| Won't Fix      | 0          | 5          | 3          | 1          | 9        |
| Totals         | 11         | 15         | 13         | 24         | 63       |

### 3. Test Case Analysis

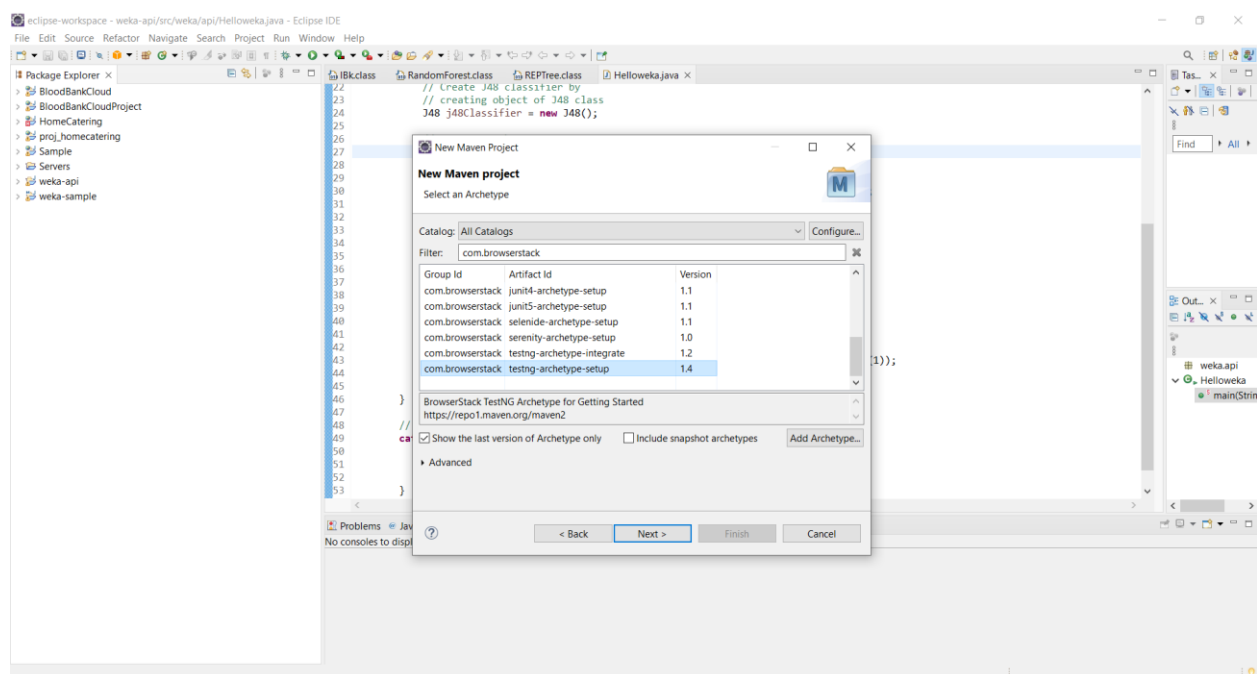
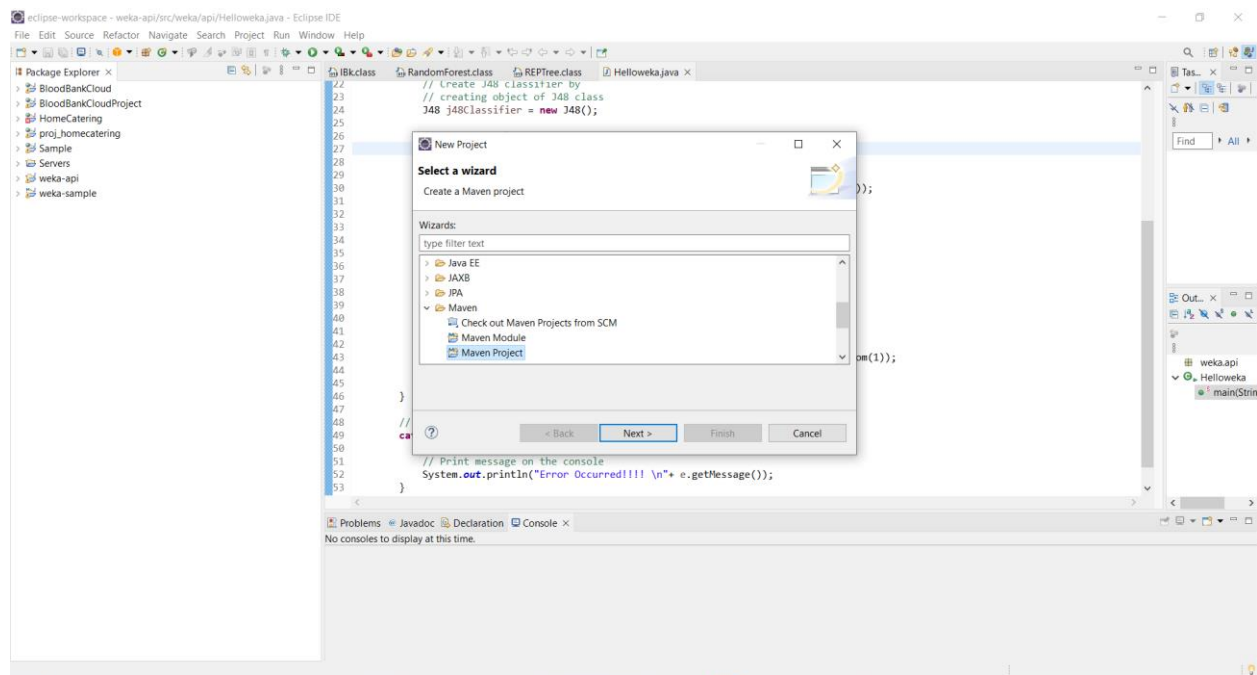
This report shows the number of test cases that have passed, failed, and untested

| Section            | Total Cases | Not Tested | Fail | Pass |
|--------------------|-------------|------------|------|------|
| Print Engine       | 7           | 0          | 0    | 7    |
| Client Application | 4           | 0          | 0    | 4    |
| Security           | 1           | 0          | 0    | 1    |
| Outsource Shipping | 5           | 0          | 0    | 5    |

|                     |   |   |   |   |
|---------------------|---|---|---|---|
| Exception Reporting | 2 | 0 | 0 | 2 |
| Final Report Output | 8 | 0 | 0 | 8 |
| Version Control     | 2 | 0 | 0 | 2 |

## User Acceptance testing using Appium

### Creating a maven project





```

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.remote.DesiredCapabilities;
import org.openqa.selenium.remote.RemoteWebDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;

class TestClass1 implements Runnable {
public void run() {

Hashtable<String, String> capsHashtable = new Hashtable<String, String>();
capsHashtable.put("browser", "chrome");
capsHashtable.put("browser_version", "107.0");
capsHashtable.put("os", "Windows");
capsHashtable.put("os_version", "10");
capsHashtable.put("build", "browserstack-build-1");

capsHashtable.put("name", "Thread 1");
test r1 = new test();
r1.executeTest(capsHashtable);

}
}
class TestClass2 implements Runnable {
public void run() {

Hashtable<String, String> capsHashtable = new Hashtable<String, String>();
capsHashtable.put("device", "OnePlus 7");
capsHashtable.put("os_version", "7.0");
capsHashtable.put("browserName", "android");
capsHashtable.put("realMobile", "true");
capsHashtable.put("build", "browserstack-build-1");
capsHashtable.put("name", "Thread 2");
test r2 = new test();
r2.executeTest(capsHashtable);

}
}
class TestClass3 implements Runnable {
public void run() {

Hashtable<String, String> capsHashtable = new Hashtable<String, String>();
capsHashtable.put("browser", "safari");
capsHashtable.put("browser_version", "latest");
capsHashtable.put("os", "OS X");
capsHashtable.put("os_version", "Big Sur");
capsHashtable.put("build", "browserstack-build-1");
capsHashtable.put("name", "Thread 3");
test r3 = new test();
r3.executeTest(capsHashtable);

}
}

public class test {

public static final String USERNAME = "abiramirathina_4JtEPb";
public static final String AUTOMATE_KEY = "iq5fCTKMdVimwUTPQmdP";
public static final String URL = "https://" + USERNAME + ":" + AUTOMATE_KEY + "@hub-cloud.browserstack.com/wd/hub";
public static void main(String[] args) throws Exception {
Thread object1 = new Thread(new TestClass1());
object1.start();
}
}

```

```

Thread object2 = new Thread(new TestClass2());
object2.start();
Thread object3 = new Thread(new TestClass3());
object3.start();
}
public void executeTest(Hashtable<String, String> capsHashtable) {

String key;

        DesiredCapabilities caps = new DesiredCapabilities();
// Iterate over the hashtable and set the capabilities
        Set<String> keys = capsHashtable.keySet();
        Iterator<String> itr = keys.iterator();
        while (itr.hasNext()) {
            key = itr.next();
            caps.setCapability(key, capsHashtable.get(key));
        }

        WebDriver driver;
        try {

driver = new RemoteWebDriver(new URL(URL), caps);
            JavascriptExecutor jse = (JavascriptExecutor)driver;

driver.get("https://savbank-4a591.web.app/");

driver.findElement(By.xpath("/html/body/div[2]/div/div[2]/div[1]/div[3]/button")).click();

// Setting the status of test as 'passed' or 'failed' based on the condition;
        WebDriverWait wait1 = new WebDriverWait(driver, Duration.ofSeconds(5));
try {
        WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(60)) ;
driver.findElement(By.xpath("/html/body/nav/div/div/div/div/a[3]")).click();

System.out.println("Found the button, clicked on that...");
jse.executeScript("browserstack_executor: {"action": "setSessionStatus", "arguments":
{"status": "passed", "reason": "Title matched!"}}");
}
        catch (Exception e) {
jse.executeScript("browserstack_executor: {"action": "setSessionStatus", "arguments":
{"status": "failed", "reason": "Title not matched!"}}");
}
System.out.println(driver.getTitle());
            driver.quit();
        } catch (MalformedURLException e) {
            e.printStackTrace();
        }
    }
}
}

```

# Result

The screenshot shows the BrowserStack dashboard for a build named 'browserstack-build-1'. The left sidebar contains a 'Quick Integration Guide' with 4/7 tasks (55%) and a 'Need help' section. The main area displays a table of sessions with columns for Session Name, Duration, and Status. The status bar at the top indicates 14 ALL SESSIONS, 3 PASSED, 0 TIMED OUT, and 8 ERROR. The sessions listed include Thread 3 (Safari 14.1, Big Sur, TIMED OUT), Thread 1 (Chrome 107.0, Win 10, TIMED OUT), Thread 2 (OnePlus 7, Android 9.0, TIMED OUT), Thread 1 (Chrome 93.0, Win 10, TIMED OUT), Thread 3 (Safari 14.1, Big Sur, TIMED OUT), BStack Python sample parallel (Firefox 102.0, Win 10, PASSED), and BStack Python sample parallel (PASSED). The error messages for the timed-out sessions are 'BROWSERSTACK\_IDLE\_TIMEOUT'. The URL at the bottom is 'https://automate.browserstack.com/dashboard/v2/builds/967b04aa7a777b0b1524e949a50264bdd7f088ab/sessions/452fe05bf51f32254dfa9e96803c2a5b93698d80'.

| Session Name   | Duration | Status    |
|--|----------|-----------|
| Thread 3<br>Safari 14.1 @ Big Sur • Last updated in a few secs                     | 1m 37s   | TIMED OUT |
| Thread 1<br>Chrome 107.0 @ Win 10 • Last updated in a few secs                     | 1m 40s   | TIMED OUT |
| Thread 2<br>OnePlus 7 @ Android 9.0 • Last updated in a few secs                   | 1m 45s   | TIMED OUT |
| Thread 1<br>Chrome 93.0 @ Win 10 • Last updated in a few secs                      | 1m 37s   | TIMED OUT |
| Thread 3<br>Safari 14.1 @ Big Sur • Last updated in a few secs                     | 1m 37s   | TIMED OUT |
| BStack Python sample parallel<br>Firefox 102.0 @ Win 10 • Last updated 36 mins ago | 14s      | PASSED    |
| BStack Python sample parallel  | 14s      | PASSED    |

This screenshot shows the same BrowserStack dashboard as the previous one, but with a 'Welcome to the session listing view!' overlay. The overlay includes a 'Got it' button and a 'View pass/fail reason without opening session details' button. The status bar now shows 18 ALL SESSIONS, 3 PASSED, 5 TIMED OUT, and 8 ERROR. The sessions listed include Thread 3 (Safari 14.1, Big Sur, PASSED), Thread 1 (Chrome 107.0, Win 10, PASSED), and Thread 3 (Firefox 63, Win 10, FAILED). The error message for the failed session is 'Session marked as failed!'. The URL at the bottom is 'https://automate.browserstack.com/dashboard/v2/builds/967b04aa7a777b0b1524e949a50264bdd7f088ab/sessions/452fe05bf51f32254dfa9e96803c2a5b93698d80'.

| Session Name   | Duration | Status |
|--|----------|--------|
| Thread 3<br>Safari 14.1 @ Big Sur • Last updated in a few secs | 6s       | PASSED |
| Thread 1<br>Chrome 107.0 @ Win 10 • Last updated in a few secs | 8s       | PASSED |
| Thread 3<br>Firefox 63 @ Win 10 • Last updated a few secs ago  | 2m 14s   | FAILED |