

Technical Evaluation Report: Harness Implementation for UI Automation (CSB Bank/united bank/bankrupt)

Document Information

Field	Details
Document Title	Technical Evaluation Report on Harness Implementation for Testing
Department	Devops
Document Owner	Rahulganesh TS
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Version History

Version	Date	Author	Description of Change
0.1.0	19-12-2025	Rahulganesh TS	Initial draft
0.2.0	-	-	Review comments incorporated
0.3.0	-	-	Approved release

Events In Sequence Of Execution:

Content 1:Program for csb bank,which passed in java editor,done in VDI environment:

Content 2 : screenshot of the result

Content 3: Result Report

Content 4 : Xpath Entries used in this program and over all builds, only for username, password and submit button

Content 5: Real unedited worksheet for iteration 1,2,316

Content 6: Result of harness with all the screenshot details of all build and pipeline iterations

Content 7: Errors on all xpath type against harness errors

Content 8: Expected behaviour in any domain,if no restrictions

Content 9:same program ,modified into 3 times more for harness compatibility without change of logical Locators

Content 10: previous url failure on any xpath type

Conclusion :

Technical Evaluation Report: Harness Implementation for UI Automation (CSB Bank/united bank/bankrupt)

Content 1:Program for csb bank,which passed in java editor,done in
VDI environment:

```
import org.openqa.selenium.*;  
import org.openqa.selenium.chrome.ChromeDriver;  
import org.openqa.selenium.chrome.ChromeOptions;  
import org.openqa.selenium.support.ui.ExpectedConditions;  
import org.openqa.selenium.support.ui.WebDriverWait;
```

```
import java.io.File;  
import java.io.FileWriter;  
import java.io.IOException;  
import java.nio.file.Files;  
import java.nio.file.Path;  
import java.text.SimpleDateFormat;  
import java.time.Duration;  
import java.util.Date;
```

```
public class csbbank {
```

```
    public static void main(String[] args) {
```

```
        // Set ChromeDriver path (adjust if needed)
```

```
        System.setProperty("webdriver.chrome.driver",
```

```
            "C:\\Users\\FA62XEA\\Downloads\\chromedriver-
```

```
win64\\chromedriver-win64\\chromedriver.exe");
```

```
// Prepare report folders
```

```
File reportDir = new File("report");
```

```
File screenshotDir = new File(reportDir, "screenshots");
```

```
reportDir.mkdirs();
```

```
screenshotDir.mkdirs();
```

```
String timestamp = new
```

```
SimpleDateFormat("yyyyMMdd_HH:mm:ss").format(new Date());
```

```
File reportFile = new File(reportDir, "LoginReport_" + timestamp  
+ ".html");
```

```
// Chrome options
```

```
ChromeOptions options = new ChromeOptions();
```

```
options.addArguments("--remote-allow-origins=*");
```

```
options.addArguments("--disable-notifications");
```

```
WebDriver driver = new ChromeDriver(options);
```

```
WebDriverWait wait = new WebDriverWait(driver,  
Duration.ofSeconds(12));
```

```
long start = System.currentTimeMillis();
```

```
String status = "PASS";
```

```
String message = "";
```

```
String pageTitle = "";
```

```
String currentUrl = "";
```

```
String screenshotPath = "";
```

```
String dashboardHeaderText = "";
```

```
try {
```

```
    driver.manage().window().maximize();
```

```
driver.get("https://csbbankonline-  
p2.onlinebank.com/SignIn.aspx");  
  
// Username  
wait.until(ExpectedConditions.visibilityOfElementLocated(  
    By.xpath("//input[contains(@class,'form-control') and  
contains(@class,'component-group')]")  
)).sendKeys("Retailuser1");  
  
// Password  
wait.until(ExpectedConditions.visibilityOfElementLocated(  
    By.cssSelector("input.signin-password")  
)).sendKeys("Google@44566");  
  
// Sign In button  
wait.until(ExpectedConditions.elementToBeClickable(  
    By.xpath("//*[contains(@class,'btn') and  
contains(@class,'btn-primary')]")  
)).click();  
  
// Wait for the correct page title (use title, not URL)  
wait.until(ExpectedConditions.titleContains("Account Summary  
- COMMUNITY STATE BANK"));  
  
currentUrl = driver.getCurrentUrl();  
pageTitle = driver.getTitle();  
System.out.println("Dashboard Title: " + pageTitle);  
  
// Optional: try grabbing a visible header on the page (replace  
with real selector if available)  
try {  
    // Example generic header probe. Please replace with a real
```

selector from CSB dashboard.

```
        WebElement header =
wait.until(ExpectedConditions.visibilityOfElementLocated(
        By.xpath("//h1//h2//h3//h4//h5//h6")
    ));
    dashboardHeaderText = header.getText();
    System.out.println("Dashboard Header Text: " +
dashboardHeaderText);
    } catch (Exception ignored) {
        // If no reliable header, title verification is sufficient
    }

    // Simple validation based on title
    if (!"Account Summary - COMMUNITY STATE
BANK".equals(pageTitle)) {
        status = "FAIL";
        message = "Unexpected title: " + pageTitle;
    } else {
        message = "Login and Account Summary - COMMUNITY
STATE BANK verified.";
    }

    // Optional: add a pragmatic URL check, if there is a stable
pattern (adjust if you know it)
    // if (!currentUrl.contains("onlinebank.com")) {
    //     status = "FAIL";
    //     message = "Expected to be on CSB OnlineBank domain.
Current URL: " + currentUrl;
    // }

    } catch (Exception e) {
        status = "FAIL";
```

```
        message = "Exception: " + e.getClass().getSimpleName() + " - "
+ safe(e.getMessage());

        // Screenshot on failure
        try {
            screenshotPath = new File(screenshotDir, "failure_" +
timestamp + ".png").getAbsolutePath();
            TakesScreenshot ts = (TakesScreenshot) driver;
            File src = ts.getScreenshotAs(OutputType.FILE);
            Files.copy(src.toPath(), Path.of(screenshotPath));
        } catch (Exception ignored) { /* may fail if driver already quit */
    }

    } finally {
        try {
            driver.quit();
        } catch (Exception ignored) {
        }

        long end = System.currentTimeMillis();
        long durationMs = end - start;

        // Write HTML report
        writeHtmlReport(reportFile, status, message, pageTitle,
dashboardHeaderText,
            currentUrl, screenshotPath, start, end, durationMs);

        System.out.println("HTML report: " +
reportFile.getAbsolutePath());
        if (!screenshotPath.isEmpty()) {
            System.out.println("Failure screenshot: " + screenshotPath);
        }
    }
}
```

```
}
```

```
private static void writeHtmlReport(File reportFile,
                                    String status,
                                    String message,
                                    String title,
                                    String headerText,
                                    String url,
                                    String screenshotPath,
                                    long start,
                                    long end,
                                    long durationMs) {
    String startStr = new SimpleDateFormat("yyyy-MM-dd
HH:mm:ss").format(new Date(start));
    String endStr = new SimpleDateFormat("yyyy-MM-dd
HH:mm:ss").format(new Date(end));
    String statusClass = "PASS".equalsIgnoreCase(status) ? "status-
pass" : "status-fail";

    StringBuilder sb = new StringBuilder();
    // NOTE: We are writing real HTML (no &lt;/&gt; escaping of
structural tags).
    sb.append("<!DOCTYPE html>\n<html
lang=\"en\">\n<head>\n<meta charset=\"UTF-8\">\n")
        .append("<title>Account Summary - COMMUNITY STATE
BANK Login Report</title>\n<style>\n")
        .append("body { font-family:Arial,sans-serif;margin:20px;}
.card {border:1px solid #ddd;border-radius:8px;padding:16px;max-
width:900px;}")
        .append(".status-pass {color:#0b7a0b;font-weight:bold;}
.status-fail {color:#b00020;font-weight:bold;} .row {margin:8px 0;} ")
        .append("code {background:#f7f7f7;padding:2px 6px;border-
```



```

radius:4px;} a{color:#0069c0;text-decoration:none;}\n")
    .append("hr{border:none;border-top:1px solid
#eee;margin:14px 0;}\n")
    .append("</style>\n</head>\n<body>\n<h2>Account
Summary - COMMUNITY STATE BANK Login Report</h2>\n<div
class=\"card\">\n")
    .append("<div class=\"row\"><strong>Status:</strong> <span
class=\"").append(statusClass).append("\n")
    .append(escapeHtml(status)).append("</span></div>\n")
    .append("<div class=\"row\"><strong>Message:</strong>
").append(escapeHtml(message)).append("</div>\n")
    .append("<div class=\"row\"><strong>Start:</strong>
").append(startStr).append("</div>\n")
    .append("<div class=\"row\"><strong>End:</strong>
").append(endStr).append("</div>\n")
    .append("<div class=\"row\"><strong>Duration:</strong>
").append(durationMs).append(" ms</div>\n<hr/>\n")
    .append("<div class=\"row\"><strong>Page Title:</strong>
<code>").append(escapeHtml(title)).append("</code></div>\n")
    .append("<div class=\"row\"><strong>Dashboard
Header:</strong>
<code>").append(escapeHtml(headerText)).append("</code></div>\n")
    .append("<div class=\"row\"><strong>URL:</strong> <a
href=\"").append(escapeHtml(url)).append("\n" target=\"_blank\">")
    .append(escapeHtml(url)).append("</a></div>\n");

    if (screenshotPath != null && !screenshotPath.isEmpty()) {
        String rel = relPathForReport(reportFile, screenshotPath);
        sb.append("<div
class=\"row\"><strong>Screenshot:</strong><br/>\n")
            .append("<img
src=\"").append(escapeHtml(rel)).append("\n" alt=\"Screenshot\"

```

```
style=\"max-width:100%;border:1px solid #ccc;\"/>\n")
```

```
.append("</div>\n");
```

```
}
```

```
sb.append("</div>\n</body>\n</html>");
```

```
try (FileWriter fw = new FileWriter(reportFile)) {
```

```
    fw.write(sb.toString());
```

```
} catch (IOException e) {
```

```
    System.err.println("Failed to write HTML report: " +  
e.getMessage());
```

```
}
```

```
}
```

```
private static String relPathForReport(File reportFile, String  
screenshotAbs) {
```

```
    try {
```

```
        Path reportDir =
```

```
reportFile.getParentFile().toPath().toAbsolutePath();
```

```
        Path screenshot = Path.of(screenshotAbs).toAbsolutePath();
```

```
        return reportDir.relativeTo(screenshot).toString().replace("\\",  
"/");
```

```
    } catch (Exception e) {
```

```
        return screenshotAbs;
```

```
    }
```

```
}
```

```
private static String safe(String s) {
```

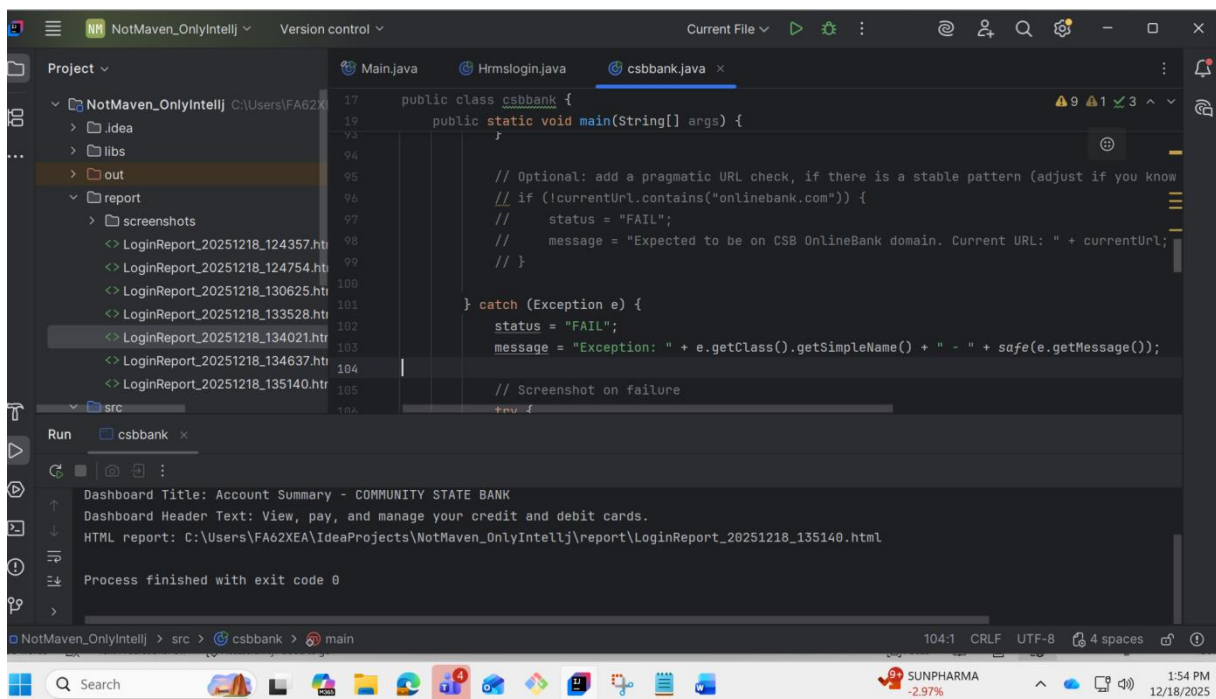
```
    return (s == null) ? "" : s;
```

```
}
```

```
// Escape only dynamic content (do NOT escape structural HTML  
tags)
```

```
private static String escapeHtml(String s) {
    if (s == null) return "";
    return s.replace("&", "&amp;")
        .replace("<", "&lt;")
        .replace(">", "&gt;");
}
```

Content 2 : screenshot of the result



Content 3: Result Report



LoginReport_202512
18_135140.html

Relative xpath for Id :

```
//input[@id='M_layout_content_PCDZ_MMCA7G7_ctl00_webInputFo  
rm_txtLoginName']
```

Index xpath for id :

```
((//input[@id='M_layout_content_PCDZ_MMCA7G7_ctl00_webInputF  
orm_txtLoginName']))[1]
```

Relative xpath for name :

```
M$layout$content$PCDZ$MMCA7G7$ctl00$webInputForm$txtLogin  
Name
```

Class name : form-control component-group

Password:

Relative xpath for css selector :

```
#M_layout_content_PCDZ_MMCA7G7_ctl00_webInputForm_txtPass  
word
```

Relative xpath for id:

```
//input[@id='M_layout_content_PCDZ_MMCA7G7_ctl00_webInputFo  
rm_txtPassword']
```

Relative xpath for

```
name://M$layout$content$PCDZ$MMCA7G7$ctl00$webInputForm$tx  
tPassword
```

Class name : signin-password

Submit button:

Relative xpath for css selector :

```
#M_layout_content_PCDZ_MMCA7G7_ctl00_webInputForm_cmdCo  
ntinue
```

Relative xpath for id:

```
//input[@id='M_layout_content_PCDZ_MMCA7G7_ctl00_webInputFo  
rm_cmdContinue']
```

Relative xpath for

name:///M\$layout\$content\$PCDZ\$MMCA7G7\$ctl00\$webInputForm\$cmdContinue

Class name : btn btn-primary

Index xpath for id

:(//input[@id='M_layout_content_PCDZ_MMCA7G7_ctl00_webInputForm_cmdContinue'])[1]

Now this is the proof for left out xpath scenario ,class and contains to prove that class and contains (in generic way) also will fail in harness.

FYI : Starts with and ends with will be out of scope.

Xpath entries :

// Username

```
wait.until(ExpectedConditions.visibilityOfElementLocated(  
    By.xpath("//input[contains(@class,'form-control') and  
contains(@class,'component-group')]")  
)).sendKeys("Retailuser1");
```

// Password

```
wait.until(ExpectedConditions.visibilityOfElementLocated(  
    By.cssSelector("input.signin-password")  
)).sendKeys("Google@44566");
```

// Sign In button

```
wait.until(ExpectedConditions.elementToBeClickable(  
    By.xpath("//*[contains(@class,'btn') and contains(@class,'btn-  
primary')]")  
)).click();
```

// Wait for the correct page title (use title, not URL)

```
wait.until(ExpectedConditions.titleContains("Account Summary -  
COMMUNITY STATE BANK"));
```

Content 5: Real unedited worksheet for iteration 1,2,316 iteration 1

```
FA62XEA@CPC-rahul-F7OF5 MINGW64
```

```
~/IdeaProjects/IDEAPROJECTS_BACKUP (main)
```

```
$ cd ..
```

```
FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/IdeaProjects
```

```
$ ls
```

```
IDEAPROJECTS_BACKUP/ NotMaven_OnlyIntellj/
```

```
FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/IdeaProjects
```

```
$ cd ~/documents
```

```
FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents
```

```
$ ls
```

```
Auto8/ Hrms/ POC/ auto2/ auto4/  
auto6/ vscodeproj/
```

```
Drivers/ My_config/ 'XD_Automation BDD 12-03-2025_mahesh'/  
auto3/ auto5/ auto7/
```

```
FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents
```

```
$ cd Auto8
```

```
FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8
```

```
$ ls
```

```
NotMaven_OnlyIntellj.iml src/
```

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8

\$ cd ..

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents

\$ ls

**Auto8/ Hrms/ POC/ auto2/ auto4/
auto6/ vscodeproj/**

**Drivers/ My_config/ 'XD_Automation BDD 12-03-2025_mahesh'/
auto3/ auto5/ auto7/**

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents

\$ cp -r ~/auto7/pom.xml Auto8

cp: cannot stat '/c/Users/FA62XEA/auto7/pom.xml': No such file or directory

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents

\$ cp -r ~/documents/auto7/pom.xml Auto8

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents

\$ cd Auto8

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8

\$ ls

NotMaven_OnlyIntellj.iml pom.xml **src/**

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8

\$ cd src

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8/src

\$ ls

Main/ Test/

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8/src

\$ cd Test

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8/src/Test

\$ ls

Java/

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8/src/Test

\$ cd Java

FA62XEA@CPC-rahul-F7OF5 MINGW64

~/documents/Auto8/src/Test/Java

\$ ls

Hrmslogin.java Main.java csbbank.java

FA62XEA@CPC-rahul-F7OF5 MINGW64

~/documents/Auto8/src/Test/Java

\$ cd ..

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8/src/Test

\$ cd ..

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8/src

\$ cd ..

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8

\$ git init

Initialized empty Git repository in

C:/Users/FA62XEA/Documents/Auto8/.git/

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8

(master)

\$ git add .

warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Main/java/libs/selenium-java-4.38.0 (1)/CHANGELOG', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Main/java/libs/selenium-java-4.38.0 (1)/LICENSE', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Main/java/libs/selenium-java-4.38.0 (1)/NOTICE', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Main/java/report/LoginReport_20251218_124357.html', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Main/java/report/LoginReport_20251218_124754.html', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Main/java/report/LoginReport_20251218_130625.html', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Main/java/report/LoginReport_20251218_133528.html', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Main/java/report/LoginReport_20251218_134021.html', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Main/java/report/LoginReport_20251218_134637.html', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of
'src/Main/java/report/LoginReport_20251218_135140.html', LF will be
replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/Test/Java/Main.java', LF will be
replaced by CRLF the next time Git touches it

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8
(master)

\$ git branch -m master main

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git commit -m "first commit"

[main (root-commit) 2aaa35d] first commit

100 files changed, 5089 insertions(+)

create mode 100644 .gitignore

create mode 100644 NotMaven_OnlyIntellj.iml

create mode 100644 pom.xml

create mode 100644 src/Main/java/libs/4.21.0/selenium-java-
4.21.0.pom.lastUpdated

create mode 100644 src/Main/java/libs/4.23.0/selenium-java-
4.23.0.pom.lastUpdated

create mode 100644 src/Main/java/libs/4.26.0/selenium-java-
4.26.0.pom.lastUpdated

create mode 100644 src/Main/java/libs/4.33.0/selenium-java-
4.33.0.pom.lastUpdated

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/CHANGELOG

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/LICENSE

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/NOTICE

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/auto-
service-annotations-1.1.1-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/auto-
service-annotations-1.1.1.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/byte-
buddy-1.17.8-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/byte-
buddy-1.17.8.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/commons-exec-1.5.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/commons-exec-1.5.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/error_prone_annotations-2.41.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/error_prone_annotations-2.41.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/failureaccess-1.0.3-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/failureaccess-1.0.3.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/guava-
33.5.0-jre-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/guava-33.5.0-jre.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/j2objc-annotations-3.1-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/j2objc-annotations-3.1.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/jspecify-1.0.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/jspecify-1.0.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/opentelemetry-api-1.55.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/opentelemetry-api-1.55.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/opentelemetry-common-1.55.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/opentelemetry-common-1.55.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/opentelemetry-context-1.55.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/opentelemetry-context-1.55.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0 (1)/opentelemetry-exporter-logging-1.55.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-exporter-logging-1.55.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-1.55.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-1.55.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-common-1.55.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-common-1.55.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-extension-autoconfigure-1.55.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-extension-autoconfigure-1.55.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-extension-autoconfigure-spi-1.55.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-extension-autoconfigure-spi-1.55.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-logs-1.55.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-logs-1.55.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/opentelemetry-sdk-metrics-1.55.0-sources.jar

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(1)/opentelemetry-sdk-metrics-1.55.0.jar

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(1)/opentelemetry-sdk-trace-1.55.0-sources.jar

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(1)/opentelemetry-sdk-trace-1.55.0.jar

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(1)/selenium-api-4.38.0-sources.jar

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(1)/selenium-api-4.38.0.jar

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(1)/selenium-chrome-driver-4.38.0.jar

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create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-chromium-driver-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-devtools-v140-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-devtools-v140-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-devtools-v141-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-devtools-v141-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-devtools-v142-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-devtools-v142-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-edge-driver-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-edge-driver-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-firefox-driver-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-firefox-driver-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-http-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-http-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-ie-driver-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-ie-driver-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-java-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-java-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-json-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-json-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-manager-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-manager-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-os-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-os-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
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(1)/selenium-remote-driver-4.38.0.jar

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(1)/selenium-safari-driver-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-safari-driver-4.38.0.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-support-4.38.0-sources.jar

create mode 100644 src/Main/java/libs/selenium-java-4.38.0
(1)/selenium-support-4.38.0.jar

create mode 100644
src/Main/java/out/production/NotMaven_OnlyIntellj/Hrmslogin.class

create mode 100644
src/Main/java/out/production/NotMaven_OnlyIntellj/Main.class

create mode 100644
src/Main/java/out/production/NotMaven_OnlyIntellj/csbbank.class

```
create mode 100644
src/Main/java/report/LoginReport_20251218_124357.html

create mode 100644
src/Main/java/report/LoginReport_20251218_124754.html

create mode 100644
src/Main/java/report/LoginReport_20251218_130625.html

create mode 100644
src/Main/java/report/LoginReport_20251218_133528.html

create mode 100644
src/Main/java/report/LoginReport_20251218_134021.html

create mode 100644
src/Main/java/report/LoginReport_20251218_134637.html

create mode 100644
src/Main/java/report/LoginReport_20251218_135140.html

create mode 100644
src/Main/java/report/screenshots/failure_20251218_130625.png

create mode 100644
src/Main/java/report/screenshots/failure_20251218_133528.png

create mode 100644
src/Main/java/report/screenshots/failure_20251218_134021.png

create mode 100644
src/Main/java/report/screenshots/failure_20251218_134637.png

create mode 100644 src/Test/Java/Hrmslogin.java

create mode 100644 src/Test/Java/Main.java

create mode 100644 src/Test/Java/csbbank.java

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)
$ gh auth status
```

github.com

- Logged in to github.com account **tsrahulganesh** (keyring)
- Active account: **true**
- Git operations protocol: **https**
- Token: **gho_*******
- Token scopes: **'gist', 'read:org', 'repo'**

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

```
$ gh repo create auto-demo-round10 --public --description  
"Myautologin"
```

- Created repository tsrahulganesh/auto-demo-round10 on github.com
- <https://github.com/tsrahulganesh/auto-demo-round10>

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

```
$ git remote -v
```

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

```
$ git remote add origin https://github.com/tsrahulganesh/auto-demo-  
round10.git
```

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

```
$ git remote set-url origin https://github.com/tsrahulganesh/auto-demo-  
round10.git
```

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

```
$ git remote -v
```

```
origin https://github.com/tsrahulganesh/auto-demo-round10.git (fetch)
```

```
origin https://github.com/tsrahulganesh/auto-demo-round10.git (push)
```

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

```
$ git push -u origin main
```

Enumerating objects: 118, done.

Counting objects: 100% (118/118), done.

Delta compression using up to 4 threads

Compressing objects: 100% (114/114), done.

Writing objects: 100% (118/118), 31.67 MiB | 3.16 MiB/s, done.

Total 118 (delta 13), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (13/13), done.

To <https://github.com/tsrahulganessh/auto-demo-round10.git>

* [new branch] main -> main

branch 'main' set up to track 'origin/main'.

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

Iteration 2

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git init

Reinitialized existing Git repository in

C:/Users/FA62XEA/Documents/Auto8/.git/

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git add .

warning: in the working copy of 'Main.java', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'libs/selenium-java-4.38.0

(1)/CHANGELOG', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'libs/selenium-java-4.38.0
(1)/LICENSE', LF will be replaced by CRLF the next time Git touches
it

warning: in the working copy of 'libs/selenium-java-4.38.0
(1)/NOTICE', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of
'report/LoginReport_20251218_124357.html', LF will be replaced by
CRLF the next time Git touches it

warning: in the working copy of
'report/LoginReport_20251218_124754.html', LF will be replaced by
CRLF the next time Git touches it

warning: in the working copy of
'report/LoginReport_20251218_130625.html', LF will be replaced by
CRLF the next time Git touches it

warning: in the working copy of
'report/LoginReport_20251218_133528.html', LF will be replaced by
CRLF the next time Git touches it

warning: in the working copy of
'report/LoginReport_20251218_134021.html', LF will be replaced by
CRLF the next time Git touches it

warning: in the working copy of
'report/LoginReport_20251218_134637.html', LF will be replaced by
CRLF the next time Git touches it

warning: in the working copy of
'report/LoginReport_20251218_135140.html', LF will be replaced by
CRLF the next time Git touches it

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git commit -m "2nd commit_12.18.25"

[main eb33a95] 2nd commit_12.18.25

97 files changed, 393 insertions(+)

create mode 100644 Hrmslogin.java

create mode 100644 Main.java

create mode 100644 csbbank.java

rename {src/Main/java/libs => libs}/4.21.0/selenium-java-4.21.0.pom.lastUpdated (100%)

rename {src/Main/java/libs => libs}/4.23.0/selenium-java-4.23.0.pom.lastUpdated (100%)

rename {src/Main/java/libs => libs}/4.26.0/selenium-java-4.26.0.pom.lastUpdated (100%)

rename {src/Main/java/libs => libs}/4.33.0/selenium-java-4.33.0.pom.lastUpdated (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/CHANGELOG (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/LICENSE (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/NOTICE (100%)

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(1)/commons-exec-1.5.0-sources.jar (100%)

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(1)/commons-exec-1.5.0.jar (100%)

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(1)/error_prone_annotations-2.41.0-sources.jar (100%)

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(1)/failureaccess-1.0.3-sources.jar (100%)

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(1)/failureaccess-1.0.3.jar (100%)

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33.5.0-jre-sources.jar (100%)

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33.5.0-jre.jar (100%)

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annotations-3.1-sources.jar (100%)

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annotations-3.1.jar (100%)

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1.0.0-sources.jar (100%)

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1.0.0.jar (100%)

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(1)/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar
(100%)

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(1)/opentelemetry-api-1.55.0-sources.jar (100%)

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(1)/opentelemetry-api-1.55.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0
(1)/opentelemetry-common-1.55.0-sources.jar (100%)

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(1)/opentelemetry-common-1.55.0.jar (100%)

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(1)/opentelemetry-context-1.55.0.jar (100%)

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(1)/opentelemetry-exporter-logging-1.55.0-sources.jar (100%)

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(1)/opentelemetry-exporter-logging-1.55.0.jar (100%)

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(1)/opentelemetry-sdk-1.55.0-sources.jar (100%)

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(1)/opentelemetry-sdk-1.55.0.jar (100%)

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(1)/opentelemetry-sdk-common-1.55.0-sources.jar (100%)

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(1)/opentelemetry-sdk-common-1.55.0.jar (100%)

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(1)/opentelemetry-sdk-extension-autoconfigure-1.55.0-sources.jar
(100%)

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(1)/opentelemetry-sdk-extension-autoconfigure-1.55.0.jar (100%)

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(1)/opentelemetry-sdk-extension-autoconfigure-spi-1.55.0-sources.jar
(100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0
(1)/opentelemetry-sdk-extension-autoconfigure-spi-1.55.0.jar (100%)

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(1)/opentelemetry-sdk-logs-1.55.0-sources.jar (100%)

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(1)/opentelemetry-sdk-logs-1.55.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0
(1)/opentelemetry-sdk-metrics-1.55.0-sources.jar (100%)

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(1)/opentelemetry-sdk-trace-1.55.0.jar (100%)

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api-4.38.0-sources.jar (100%)

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api-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-
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rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-
chrome-driver-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-chromium-driver-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-chromium-driver-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-devtools-v140-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-devtools-v140-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-devtools-v141-4.38.0-sources.jar (100%)

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rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-devtools-v142-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-devtools-v142-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-edge-driver-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-edge-driver-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-firefox-driver-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-firefox-driver-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-http-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-http-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-ie-driver-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-ie-driver-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-java-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-java-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-json-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-json-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-manager-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-manager-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-os-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-os-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-remote-driver-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-remote-driver-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-safari-driver-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-safari-driver-4.38.0.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-support-4.38.0-sources.jar (100%)

rename {src/Main/java/libs => libs}/selenium-java-4.38.0 (1)/selenium-support-4.38.0.jar (100%)

rename {src/Main/java/report => report}/LoginReport_20251218_124357.html (100%)

rename {src/Main/java/report => report}/LoginReport_20251218_124754.html (100%)

rename {src/Main/java/report => report}/LoginReport_20251218_130625.html (100%)

rename {src/Main/java/report => report}/LoginReport_20251218_133528.html (100%)

rename {src/Main/java/report => report}/LoginReport_20251218_134021.html (100%)

rename {src/Main/java/report => report}/LoginReport_20251218_134637.html (100%)

rename {src/Main/java/report => report}/LoginReport_20251218_135140.html (100%)

rename {src/Main/java/report => report}/screenshots/failure_20251218_130625.png (100%)

rename {src/Main/java/report => report}/screenshots/failure_20251218_133528.png (100%)

```
rename {src/Main/java/report =>
report}/screenshots/failure_20251218_134021.png (100%)

rename {src/Main/java/report =>
report}/screenshots/failure_20251218_134637.png (100%)

delete mode 100644
src/Main/java/out/production/NotMaven_OnlyIntellj/Hrmslogin.class

delete mode 100644
src/Main/java/out/production/NotMaven_OnlyIntellj/Main.class

delete mode 100644
src/Main/java/out/production/NotMaven_OnlyIntellj/csbbank.class
FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)
$ git remote -v
origin https://github.com/tsrahulganesh/auto-demo-round10.git (fetch)
origin https://github.com/tsrahulganesh/auto-demo-round10.git (push)
FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)
$ git pull --rebase origin main
remote: Enumerating objects: 19, done.
remote: Counting objects: 100% (19/19), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 18 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (18/18), 1.41 KiB | 6.00 KiB/s, done.
From https://github.com/tsrahulganesh/auto-demo-round10
* branch      main      -> FETCH_HEAD
   2aaa35d..d5ba4f3  main    -> origin/main
Successfully rebased and updated refs/heads/main.
```

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git push -u origin main

Enumerating objects: 107, done.

Counting objects: 100% (107/107), done.

Delta compression using up to 4 threads

Compressing objects: 100% (104/104), done.

Writing objects: 100% (105/105), 31.66 MiB | 3.96 MiB/s, done.

Total 105 (delta 12), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (12/12), done.

To <https://github.com/tsrahulganesht/auto-demo-round10.git>

d5ba4f3..b967ced main -> main

branch 'main' set up to track 'origin/main'.

Iteration3

\$ git init

Reinitialized existing Git repository in

C:/Users/FA62XEA/Documents/Auto8/.git/

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git add .

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git commit -m "3rdcommit on 12.18.25"

[main 4e13875] 3rdcommit on 12.18.25

3 files changed, 2 insertions(+), 15 deletions(-)

delete mode 100644 src/Test/Java/Main.java

```
rename src/{Test/Java/Hrmslogin.java =>
test/java/HrmsloginTest.java} (99%)
```

```
rename src/{Test/Java/csbbank.java => test/java/csbbankTest.java}
(99%)
```

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

```
$ git pull --rebase origin main
```

From <https://github.com/tsrahulganesh/auto-demo-round10>

```
* branch          main    -> FETCH_HEAD
```

Current branch main is up to date.

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

```
$ git push -u origin main
```

Enumerating objects: 9, done.

Counting objects: 100% (9/9), done.

Delta compression using up to 4 threads

Compressing objects: 100% (5/5), done.

Writing objects: 100% (7/7), 3.90 KiB | 798.00 KiB/s, done.

Total 7 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (2/2), completed with 1 local object.

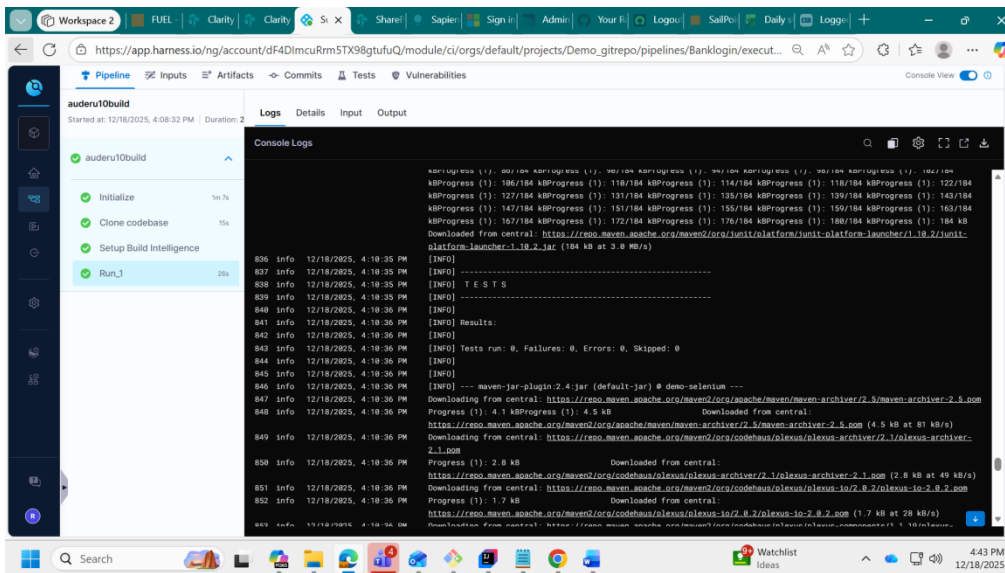
To <https://github.com/tsrahulganesh/auto-demo-round10.git>

```
b967ced..4e13875  main -> main
```

branch 'main' set up to track 'origin/main'.

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

No test ran, without Harness changes



passing many alteration jumped into 16 (skipped for many changes undergone until blocked)

Iteration 16, build id 15 for this Banklogin pipeline

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git init

Reinitialized existing Git repository in

C:/Users/FA62XEA/Documents/Auto8/.git/

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git add .

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git commit -m "committed on 12.19.25"

[main 9cd87b1] committed on 12.19.25

1 file changed, 3 deletions(-)

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git pull --rebase origin main

From https://github.com/tsrahulganesh/auto-demo-round10

* branch main -> FETCH_HEAD

Current branch main is up to date.

FA62XEA@CPC-rahul-F7OF5 MINGW64 ~/documents/Auto8 (main)

\$ git push -u origin main

Enumerating objects: 17, done.

Counting objects: 100% (17/17), done.

Delta compression using up to 4 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (9/9), 542 bytes | 90.00 KiB/s, done.

Total 9 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (2/2), completed with 2 local objects.

To <https://github.com/tsrahulganesht/auto-demo-round10.git>

6c1fad1..9cd87b1 main -> main

branch 'main' set up to track 'origin/main'.

Content 6: Result of harness with all the screenshot details of all build and pipeline iterations

With harness changes after 16 iteration on this just one login case, Thus proved ,it failed for left out generic xpath variations like contains and class

Please find the error screenshot of 16th build failed on point for the generic locators.

The screenshot displays the Harness CI/CD console interface. On the left, a sidebar shows the pipeline 'auderu10build' with its stages: 'Initialize' (1m 2s), 'Clone codebase' (16s), 'Setup Build Intelligence', and 'Run_1' (42s). The 'Run_1' stage is marked as failed. The main console area shows the 'Console Logs' for the failed stage. The logs indicate a 'TimeoutException - Expected condition failed: waiting for visibility of element located by By.xpath: //input[contains(@class, 'form-control')] and contains(@class, 'component-group') (tried for 12 second(s) with 500 milliseconds interval)'. The logs also show system information, including OS (Linux), architecture (amd64), Java version (11.0.16.1), and Selenium/WebDriver details.

Build ran only this pipeline

Workspace 2 | FUEL | Clarit | Clarit | F X | Share | Login | Sign i | Admi | Your | Logo | SailPc | Daily | Sign | No fa | +

https://app.harness.io/ng/account/dF4DlmcuRm5TX98gtufuQ/module/ci/orgs/default/projects/Demo_gitrepo/pipelines

We are re-architecting and scaling our gateways with additional machines to enhance reliability. To avoid disruption in pipeline execution, builds, or feature flag access, please whitelist the new IP addresses through the [Harness Trust Center](#) by **January 9, 2026**. Please reach out to support@harness.io if you have any questions.

Account: rahulganesh.thulasiraman > Organization: default > Project: Demo_gitrepo

Pipelines

[+ Create a Pipeline](#) [Select Repository](#) [Select a saved filter](#)

Total: 16 [Last Updated](#)

PIPELINE NAME	CODE SOURCE	RECENT EXECUTIONS	LAST EXECUTION	LAST MODIFIED
Banklogin Id: Banklogin	Repository	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	R rahulganesh.thulasiraman 1 hour ago	Dec 19, 2025
auderu9 Id: auderu9	Repository	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	R rahulganesh.thulasiraman 3 days ago	Dec 16, 2025
auderd7 Id: auderd7	Repository	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	R rahulganesh.thulasiraman 3 days ago	Dec 16, 2025
auderu8 Id: auderu8	Repository	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	R rahulganesh.thulasiraman 3 days ago	Dec 16, 2025
aude6 Id: aude6	Repository	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	R rahulganesh.thulasiraman 3 days ago	Dec 16, 2025

Windows Search | 9°C Sunny | 7:34 AM 12/19/2025

Workspace 2 | FUEL | Clarit | Clarit | F X | Share | Login | Sign i | Admi | Your | Logo | SailPc | Daily | Sign | No fa | +

https://app.harness.io/ng/account/dF4DlmcuRm5TX98gtufuQ/module/ci/orgs/default/projects/Demo_gitrepo/overview

We are re-architecting and scaling our gateways with additional machines to enhance reliability. To avoid disruption in pipeline execution, builds, or feature flag access, please whitelist the new IP addresses through the [Harness Trust Center](#) by **January 9, 2026**. Please reach out to support@harness.io if you have any questions.

Account: rahulganesh.thulasiraman > Organization: default > Project: Demo_gitrepo

Overview

[Builds Health](#) [Builds](#) [Repositories \(7\)](#) [Failed Builds \(7\)](#) [Active Builds \(0\)](#)

Total Builds: 16 [72.41%](#)

Successful Builds: 9 [12.5%](#) Failed Builds: 7 [86%](#)

Builds

of Builds

11 12 13 14 15 16 17

■ Successful ■ Aborted ■ Expired

Repositories (7)

auto-demo-round8

BUILDS: 1 SUCCESS RATE: 100% ▲ 0%

rahulganesh.thulasira... Create pipeline auderu8 3 days ago 2m

auto-demo-round9

BUILDS: 2 SUCCESS RATE: 100% ▲ 0%

Failed Builds (7)

auderd7

main

Create pipeline auderd7 3d496f8

rahulganesh.thulasiraman | Manually 3 days ago 5m 24s

aude6

main

commit 6a1366

Active Builds (0)

No Active Builds found

Windows Search | 9°C Sunny | 7:35 AM 12/19/2025

Over all Builds 155

We are re-architecting and scaling our gateways with additional machines to enhance reliability. To avoid disruption in pipeline execution, builds, or feature flag access, please whitelist the new IP addresses through the [Harness Trust Center](#) by **January 9, 2026**. Please reach out to support@harness.io if you have any questions.

Account: rahulganesh.thulasiraman > Organization: default > Project: Demo_gitrepo

Builds

Run ☐ My Builds

Total: 155

PIPELINE NAME	STATUS	SERVICE	ENVIRONMENT	EXECUTION START TIME
Banklogin Execution Id: 15	FAILED Stage: auderu10build	auto-demo-round10	main 9cd87b1 committed on 12.19.25	rahulganesh.thulasiraman Manually 7 hours ago 2m 22s
Banklogin Execution Id: 14	FAILED Stage: auderu10build	auto-demo-round10	main 6c1fad1 14th commit on 12.19.25	rahulganesh.thulasiraman Manually 7 hours ago 2m 8s
Banklogin Execution Id: 13	FAILED Stage: auderu10build	auto-demo-round10	main 5f02474 12th commit on 12.19.25	rahulganesh.thulasiraman Manually 7 hours ago 2m 18s

Content 7: Errors on all xpath type against harness errors

Errors : Forxpath generic contains and class ->xpath

864 info 19/12/2025, 6:19:56 AM

[INFO] Results:

865 info 19/12/2025, 6:19:56 AM

[INFO]

866 info 19/12/2025, 6:19:56 AM

[ERROR] Failures:

867 info 19/12/2025, 6:19:56 AM

[ERROR]

CsbBankTest.loginAndVerifyAccountSummaryTitle:138 Exception: TimeoutException - Expected condition failed: waiting for visibility of element located by By.xpath: //input[contains(@class,'form-control') and contains(@class,'component-group')] (tried for 12 second(s) with 500 milliseconds interval)

868 info 19/12/2025, 6:19:56 AM

Build info: version: '4.23.0', revision: '4df0a231af'

Errors : For the type ID and name in xpath

962 info 15/12/2025, 5:43:42 PM

Session ID: 738825c28dc1668b131305889c6456de

963 info 15/12/2025, 5:43:42 PM

[ERROR] Login_invalidTest.invalidLogin_wrongUsername:97->performLogin:49 » Timeout Expected condition failed: waiting for visibility of element located by By.xpath:

//input[@id='M\$layout\$content\$PCDZ\$MW2NO7V\$ctl00\$webInputForm\$txtLoginName'] (tried for 15 second(s) with 500 milliseconds interval)

Errors : For type name in xpath

845 info 16/12/2025, 4:27:01 PM

org.openqa.selenium.TimeoutException: Expected condition failed: waiting for visibility of element located by By.xpath:

//input[@id='M_layout_content_PCDZ_MW2NO7V_ctl00_webInputForm_txtLoginName'] (tried for 15 second(s) with 500 milliseconds interval)

Errors : For type submit button in xpath

860 info 10/12/2025, 2:41:58 PM

[ERROR] LoginTest.simpleLoginTest -- Time elapsed: 4.724 s <<< FAILURE!

861 info 10/12/2025, 2:41:58 PM

org.opentest4j.AssertionFailedError: Expected to be past login, but title still looks like a login page: Sign In - UNITED BANK & TRUST ==> expected: <false> but was: <true>

Errors : For type css selector ,submit button in xpath

917 info 11/12/2025, 1:43:25 PM

Session ID: aa5c0f4043965fac01d3b2cf3e2615e8

918 info 11/12/2025, 1:43:25 PM

[ERROR] Login_invalidTest.invalidLogin_wrongUsername:148->performLogin:99 » Timeout Expected condition failed: waiting for element to be clickable: By.cssSelector: button[type='submit'], input[type='submit'], button.btn.btn-primary, a.btn.btn-primary (tried for 15 second(s) with 500 milliseconds interval)

Errors : when button not clickable

875 info 10/12/2025, 2:31:56 PM

[ERROR] Failures:

876 info 10/12/2025, 2:31:56 PM

[ERROR] LoginTest.simpleLoginTest:59 Expected page title to contain 'SERVICE' but was: Sign In - UNITED BANK & TRUST ==> expected: <true> but was: <false>

Errors : For type css selector button in xpath

878 info 10/12/2025, 2:02:13 PM

[ERROR] Errors:

879 info 10/12/2025, 2:02:13 PM

[ERROR] LoginTest.simpleLoginTest:56 » Timeout Expected condition failed: waiting for visibility of element located by By.cssSelector: module-title (tried for 20 second(s) with 500 milliseconds interval)

Failed for multibrowser testing

1069 info 6/12/2025, 1:35:06 PM

[ERROR] Errors: 1070 info 6/12/2025, 1:35:06 PM

[ERROR] MultibrowTest.openAmazonOnFirefox:58-

>getFirefoxDriver:33 » NoSuchDriver Unable to obtain: geckodriver, error Command failed with code: 65, executed: [--browser, firefox, --browser-path, /usr/bin/firefox, --language-binding, java, --output, json]

Content 8: Expected behaviour in any domain,if no restrictions

Expectation : never happened for banking domain in 155 build leaving this one !!!!!

845 info 15/12/2025, 5:47:05 PM

Title after login: OrangeHRM

846 info 15/12/2025, 5:47:05 PM

Current URL: <https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index>

847 info 15/12/2025, 5:47:05 PM

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 4.138 s -- in SimpleLoginTest

“Program just for the login case after Harness modification:
Note: This is without changing the locators.”

Content 9:same program ,modified into 3 times more for harness compatibility without change of logical Locators

package com.example.tests;

import org.junit.jupiter.api.AfterEach;
import org.junit.jupiter.api.BeforeEach;
import org.junit.jupiter.api.Test;

```
import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
```

```
import java.io.File;
import java.io.FileWriter;
import java.nio.file.Files;
import java.nio.file.Path;
import java.text.SimpleDateFormat;
import java.time.Duration;
import java.util.Date;
```

```
import static org.junit.jupiter.api.Assertions.fail;
```

```
public class CsbBankTest {
```

```
    private WebDriver driver;
```

```
    @BeforeEach
```

```
    void setUp() {
```

```
        ChromeOptions options = new ChromeOptions();
```

```
        // NOTE (CI/Harness)
```

```
        // Required for CI /Linux containers
```

```
        options.addArguments("--headless=new");
```

```
        options.addArguments("--no-sandbox");
```

```
        options.addArguments("--disable-dev-shm-usage");
```

```
        options.addArguments("--disable-gpu");
```



```
options.addArguments("--window-size=1920,1080");
```

```
options.addArguments("--remote-allow-origins=*");
```

```
options.addArguments("--disable-notifications");
```

```
driver = new ChromeDriver(options);
```

```
driver.manage().window().maximize();
```

```
}
```

```
@AfterEach
```

```
void tearDown() {
```

```
    try {
```

```
        if (driver != null) driver.quit();
```

```
    } catch (Exception ignored) { }
```

```
}
```

```
@Test
```

```
void loginAndVerifyAccountSummaryTitle() {
```

```
    // Prepare report folders
```

```
    File reportDir = new File("report");
```

```
    File screenshotDir = new File(reportDir, "screenshots");
```

```
    reportDir.mkdirs();
```

```
    screenshotDir.mkdirs();
```

```
    String timestamp = new
```

```
SimpleDateFormat("yyyyMMdd_HH:mm:ss").format(new Date());
```

```
    File reportFile = new File(reportDir, "LoginReport_" + timestamp  
+ ".html");
```

```
    long start = System.currentTimeMillis();
```

```
    String status = "PASS";
```

```
String message = "";
String pageTitle = "";
String currentUrl = "";
String screenshotPath = "";
String dashboardHeaderText = "";

try {
    driver.get("https://csbbankonline-
p2.onlinebank.com/SignIn.aspx");

    // Username
    new WebDriverWait(driver, Duration.ofSeconds(12))
        .until(ExpectedConditions.visibilityOfElementLocated(
            By.xpath("//input[contains(@class,'form-control') and
contains(@class,'component-group')]")
        )).sendKeys("Retailuser1");

    // Password
    new WebDriverWait(driver, Duration.ofSeconds(12))
        .until(ExpectedConditions.visibilityOfElementLocated(
            By.cssSelector("input.signin-password")
        )).sendKeys("Google@44566");

    // Sign In button
    new WebDriverWait(driver, Duration.ofSeconds(12))
        .until(ExpectedConditions.elementToBeClickable(
            By.xpath("//*[contains(@class,'btn') and
contains(@class,'btn-primary')]")
        )).click();

    // Wait for the correct page title (use title, not URL)
    new WebDriverWait(driver, Duration.ofSeconds(12))
```

```
        .until(ExpectedConditions.titleContains("Account  
Summary - COMMUNITY STATE BANK"));
```

```
        currentUrl = driver.getCurrentUrl();  
        pageTitle = driver.getTitle();  
        System.out.println("Dashboard Title: " + pageTitle);
```

```
        // Optional: try grabbing a visible header on the page (replace  
        with real selector if available)
```

```
        try {  
            WebElement header = new WebDriverWait(driver,  
Duration.ofSeconds(5))  
                .until(ExpectedConditions.visibilityOfElementLocated(  
                    By.xpath("//h1|//h2|//h3|//h4|//h5|//h6")  
                ));  
            dashboardHeaderText = header.getText();  
            System.out.println("Dashboard Header Text: " +  
dashboardHeaderText);  
        } catch (Exception ignored) {  
            // If no reliable header, title verification is sufficient  
        }
```

```
        // Simple validation based on title  
        if (!"Account Summary - COMMUNITY STATE  
BANK".equals(pageTitle)) {  
            status = "FAIL";  
            message = "Unexpected title: " + pageTitle;  
            fail(message);  
        } else {  
            message = "Login and Account Summary - COMMUNITY  
STATE BANK verified.";  
        }
```

```
    } catch (Exception e) {
        status = "FAIL";
        message = "Exception: " + e.getClass().getSimpleName() + " - "
+ safe(e.getMessage());

        // Screenshot on failure
        try {
            screenshotPath = new File(screenshotDir, "failure_" +
timestamp + ".png").getAbsolutePath();
            TakesScreenshot ts = (TakesScreenshot) driver;
            File src = ts.getScreenshotAs(OutputType.FILE);
            Files.copy(src.toPath(), Path.of(screenshotPath));
        } catch (Exception ignored) { /* may fail if driver already quit */
    }

    // Mark test failure
    fail(message);
} finally {
    long end = System.currentTimeMillis();
    long durationMs = end - start;

    // Write HTML report
    writeHtmlReport(reportFile, status, message, pageTitle,
dashboardHeaderText,
        currentUrl, screenshotPath, start, end, durationMs);

    System.out.println("HTML report: " +
reportFile.getAbsolutePath());
    if (!screenshotPath.isEmpty()) {
        System.out.println("Failure screenshot: " + screenshotPath);
    }
}
```

```
}  
}
```

```
private static void writeHtmlReport(File reportFile,  
    String status,  
    String message,  
    String title,  
    String headerText,  
    String url,  
    String screenshotPath,  
    long start,  
    long end,  
    long durationMs) {  
    String startStr = new SimpleDateFormat("yyyy-MM-dd  
HH:mm:ss").format(new Date(start));  
    String endStr  = new SimpleDateFormat("yyyy-MM-dd  
HH:mm:ss").format(new Date(end));  
    String statusClass = "PASS".equalsIgnoreCase(status) ? "status-  
pass" : "status-fail";  
  
    StringBuilder sb = new StringBuilder();  
    // Write REAL HTML (do not escape structural tags)  
    sb.append("<!DOCTYPE html>\n<html  
lang=\"en\">\n<head>\n<meta charset=\"UTF-8\">\n")  
        .append("<title>Account Summary - COMMUNITY STATE  
BANK Login Report</title>\n<style>\n")  
        .append("body{font-family:Arial,sans-serif;margin:20px;}  
.card{border:1px solid #ddd;border-radius:8px;padding:16px;max-  
width:900px;}")  
        .append(".status-pass{color:#0b7a0b;font-weight:bold;} .status-  
fail{color:#b00020;font-weight:bold;} .row{margin:8px 0;} ")  
        .append("code{background:#f7f7f7;padding:2px 6px;border-
```

```

radius:4px;} a{color:#0069c0;text-decoration:none;} ")
    .append("hr{border:none;border-top:1px solid #eee;margin:14px
0;}\n")
    .append("</style>\n</head>\n<body>\n<h2>Account Summary -
COMMUNITY STATE BANK Login Report</h2>\n<div
class=\"card\">\n")
    .append("<div class=\"row\"><strong>Status:</strong> <span
class=\"").append(statusClass).append("\">")
    .append(escapeHtml(status)).append("</span></div>\n")
    .append("<div class=\"row\"><strong>Message:</strong>
").append(escapeHtml(message)).append("</div>\n")
    .append("<div class=\"row\"><strong>Start:</strong>
").append(startStr).append("</div>\n")
    .append("<div class=\"row\"><strong>End:</strong>
").append(endStr).append("</div>\n")
    .append("<div class=\"row\"><strong>Duration:</strong>
").append(durationMs).append(" ms</div>\n<hr/>\n")
    .append("<div class=\"row\"><strong>Page Title:</strong>
<code>").append(escapeHtml(title)).append("</code></div>\n")
    .append("<div class=\"row\"><strong>Dashboard
Header:</strong>
<code>").append(escapeHtml(headerText)).append("</code></div>\n")
    .append("<div class=\"row\"><strong>URL:</strong> <a
href=\"").append(escapeHtml(url)).append("\" target=\"_blank\">")
    .append(escapeHtml(url)).append("</a></div>\n");

    if (screenshotPath != null && !screenshotPath.isEmpty()) {
        String rel = relPathForReport(reportFile, screenshotPath);
        sb.append("<div
class=\"row\"><strong>Screenshot:</strong><br/>\n")
        .append("<img src=\"").append(escapeHtml(rel)).append("\"
alt=\"Screenshot\" style=\"max-width:100%;border:1px solid

```

```

#ccc;\"/>\n")
        .append("</div>\n");
    }
    sb.append("</div>\n</body>\n</html>");

    try (FileWriter fw = new FileWriter(reportFile)) {
        fw.write(sb.toString());
    } catch (Exception e) {
        System.err.println("Failed to write HTML report: " +
e.getMessage());
    }
}

private static String relPathForReport(File reportFile, String
screenshotAbs) {
    try {
        Path reportDir =
reportFile.getParentFile().toPath().toAbsolutePath();
        Path screenshot = Path.of(screenshotAbs).toAbsolutePath();
        return reportDir.relativize(screenshot).toString().replace("\\",
"/");
    } catch (Exception e) {
        return screenshotAbs;
    }
}

private static String safe(String s) {
    return (s == null) ? "" : s;
}

// // Escape only dynamic content (fix double-escaping)

```

```
private static String escapeHtml(String s) {  
    if (s == null) return "";
```

```

return s.replace("&", "&amp;")
        .replace("<", "&lt;")
        .replace(">", "&gt;");
    }
}

```

Content 10: previous url failure on any xpath type

“This is the third bank URL I am working on. Previously, everything failed when trying to locate the ‘Continue’ button in Java using contains and class please find the screen shot ,related to last Fridays mail failure case.”



login_test_report_20
25-12-17_10-42-40.h

LOGIN TEST REPORT					
Generated: 2025-12-17 10:42:40					
Test Case	Username	Password	Status	Result URL	Timestamp
Case 1: Wrong Username	wronguser	Test@2025	FAIL - Unexpected behavior	https://bankubt.onlinebank.com/SignIn.aspx?p_r=1	2025-12-17 10:40:57
Case 2: Wrong Password	Pawaradmin01	wrongpass	FAIL - Unexpected behavior	https://bankubt.onlinebank.com/SignIn.aspx?p_r=1	2025-12-17 10:41:34
Case 3: Blank Credentials	[blank]	[blank]	FAIL - Unexpected behavior	https://bankubt.onlinebank.com/SignIn.aspx?p_r=1	2025-12-17 10:42:05
Case 4: Correct Credentials	Pawaradmin01	Test@2025	FAIL - Still on login page (login failed)	https://bankubt.onlinebank.com/SignIn.aspx?p_r=1	2025-12-17 10:42:40

Conclusion :

Conclusion: Why Using Harness for UI Test Automation May Not Be Practical

Continuing from the report that failed last Friday 12.12.25, extending to that:

After making numerous changes just for a simple login case, you can imagine the effort required for more complex functionalities. I doubt this approach will serve the intended purpose. **Why are we doing this?** It feels like a waste of time because we end up reconstructing the entire program just to make it run in Harness—even though it already works successfully in IntelliJ/Eclipse.

Let's Understand the Purpose of Harness

Harness is primarily designed for continuous integration and deployment of complex applications, enabling multiple engineers to collaborate efficiently across environments. However, I don't see how this translates effectively for UI testing. If a basic login test is causing significant challenges, what will happen when we move to more complex modules deeper in the application? For context, we've had 155 builds so far without a successful login test—except for one case where the HRMS login page worked, which shows that in a general scenario it can succeed. This ratio should be carefully evaluated before proceeding further.

Key Questions

- Are we trying to find issues after completing all functional testing and passing automation tests with reports? If so, **what's the real benefit?**
- We have already identified and validated web locators during automation testing, considering the significant effort of the automation team. **Why should we spend triple the time redoing locators or restructuring code just to fit Harness?**

Major Concerns

- There is **no scope for CD (deployment)** here. If we are not deploying to any environment, then using Harness seems unnecessary—almost like doing it for self-satisfaction.
- If someone is desperate to implement CI for test pipelines, there are other standard tools like **Azure DevOps, Jenkins, and GitHub Actions**. These are widely used and well-suited for both application code and test code.
- Moreover, since our application is in the banking domain, there may be restrictions on dynamic DOM elements, which will affect these tools as well. So the challenge is **not the CI tool—it's the nature of the application**.

Effort Summary

Over the past 15 consecutive days—including nights and weekends, I have worked on 155 builds. Today marks the 15th day in a row. This effort is not formally accounted for, yet the amount of work invested to identify and prove the root cause of the failure has been significant. Please note that it is still the default organization setup, and no access has been provided yet for any repositories.

Closing Statement

I request that this report be reviewed thoroughly before any decisions are made. The intent is not to assign blame but to highlight the challenges faced and the effort invested so that we can take informed steps moving forward. A collaborative discussion on alternative

approaches or additional support would help ensure success for future tasks.
