**Salesforce Automation Using Playwright**

**Overview**

This document outlines the implementation plan for automating Salesforce scenarios using Playwright with a sample template included for Login scenario

**Scenarios**

1. **Login Automation**
   * Automate login to Salesforce sandbox using provided credentials.
2. **Navigate and Interact**
   * Navigate to the Home page.
   * Open the 'Leads' section from the Apps menu.
   * Apply a custom filter for 'Created Date' and validate lead count.
3. **Lead Interaction and Task Creation**
   * Navigate to a specific lead ('Betty Bair').
   * Create tasks "Create Budget Plan" and "Submit Budget Plan for Review".
   * Validate task creation and details.
4. **Activity Tab Validation**
   * Verify tasks are listed under the 'Activities' tab.
   * Edit task details and validate changes.
5. **Filter and Display Adjustments**
   * Adjust filters to display tasks due within a specific date range.
   * Verify filtered task display.

**Implementation Approach**

**Tools Used**

* **Playwright**: JavaScript-based automation tool.
* **Node.js**: JavaScript runtime environment.

**Sample template for login scenario:**

test('Login Automation', async ({ page }) => {

await page.goto('https://salesforce-sandbox-url.com');

await page.fill('input[name="username"]', 'qa-auto@sitetracker.com');

await page.fill('input[name="pw"]', 'Test123$');

await page.click('input[name="Login"]');

await page.waitForNavigation();

expect(await page.title()).toBe('Salesforce - Home');

});