Homework Assignment: Playwright with API Integration

Learning Objective:

Learn API integration and lifecycle management of a change request using Playwright for automated testing and validation.

Expected Completion Time:

Best Case: 15 minutes

Average Case: 20 minutes

Assignment Details:

Integrate and automate the creation, retrieval, update, and deletion of a change request using Playwright for API testing.

Preconditions:

Endpoint URL: https://{your-service-now-instance}/api/now/table/change_request

Assignment Requirements:

Using API Integration

1. Create a new change_request and get the status code and response body

2. Retrieve the newly created change request

3. Modify "short_description" for the newly created change request using put/patch and assert it using the playwright library

4. Delete the newly created change request using Delete and verify the status code

Hints to Solve:

Execute POST, GET, PUT/PATCH, and DELETE requests, handling authentication and response validation.

Expected Outcome:

Upon completion, you should be able to:

- Automate and validate the change request via API using Playwright, demonstrating an understanding of HTTP methods and response handling.