## Test Case:

## Automated Testing of 'Biometrics' Navigation on sgs.com

**Objective:** The objective of this test is to assess the candidate's ability to automate the navigation through the sgs.com ([www.sgs.com](http://www.sgs.com)) website to the 'Biometrics' section.

Preconditions:

* The candidate should have a development environment set up with the chosen testing framework (e.g., Playwright, Cypress, Selenium). Use an IDE of choice.
* The candidate should create a project on GitHub or another platform, to share the results with the SGS team.

**Note**: SGS uses Playwright in .Net syntax (<https://playwright.dev/dotnet/docs/intro>), and the Visual Studio IDE. If in doubt, you can use the Visual Studio Code IDE (Free).

Test Steps:

1. Accept Cookies:
   * Open the sgs.com website.
   * Accept cookies if a cookie banner is present.  
     (Or reject, for the purpose of this exercise this makes no difference)
2. Navigate to 'Biometrics':
   * Click on the 'Our Services' menu.
   * Hover over 'Health Science' in the dropdown.
   * Click on 'Clinical Research.'
   * Navigate to the 'Biometrics' section.
3. Save the PDF
   * On the bottom of the page, under ‘related links’, save the Biometrics Services PDF file as evidence.
4. Capture a Screenshot:
   * Take a screenshot of the 'Biometrics' page.
   * Save the screenshot with an appropriate filename.

Error handling:

Ensure the script has provisions to handle errors. When an error occurs (e.g., the site is unreachable) the script should foresee a catch & provide a screenshot.

Deliverables:

1. Project Setup:
   * Create a GitHub (or others) project & repository.
   * Set up a project structure with appropriate directories for tests, configurations, etc.
2. Development Tickets:
   * Create one or more development tickets for the tasks related to this test case (cookie acceptance, navigation, etc.).
3. Code Check-in:
   * Check-in test code related to each development ticket.
   * Include comments linking commits to respective development tickets.
4. Execution Proof:
   * Create a video (e.g., via Loom.com) or screenshots demonstrating the successful execution of the automated test. Depending on the framework, you can also have the test execution log a video (e.g., Video option in Playwright)
   * If possible, include the output in the project repository (e.g., in an ‘execution’ directory).