<u>QA Engineer Technical Task</u>

<u>Part 1: UI Testing</u>

This task is about understanding the following Demo Web Application (https://www.saucedemo.com/) and developing an E2E UI Framework for the same application.

Details:

1. You can use any UI JS Framework of choice, but Playwright is preferred
2. Come up with a test plan for 2 major features (e.g. One of the major features can be the login functionality) of this demo application and automate a subset of these tests (2-3 tests per feature is enough)
3. A report is to follow, explaining the architecture choices of your framework and any other additional details you might want to provide to explain your solution

<u>Part 2: API Testing</u>

This task is about understanding this service (https://petstore.swagger.io/#/pet/addPet) and developing an E2E API Framework for the same service.

Details:

1. You can use any API Framework of choice (Playwright also supports this if you would like to keep it consistent)
2. Come up with a test plan for 2 APIs from this swagger (Please choose a mix of HTTP request methods i.e. Do not choose 2 APIs of type GET for example) and automate a subset of these tests (2-3 tests per API is enough)
3. A report is to follow, explaining the architecture choices of your framework and any other additional details you might want to provide to explain your solution

<u>General Notes</u>

1. If you choose Playwright for both tasks above, you can implement both tasks in the same repository
2. The deliverable for both tasks should be a public GitHub link (either a separate repository for each task or one repository for both) as well as a report as specified in point (3) of each task under the 'Details' section.

3. Kindly send your solution to nikolaos.repousis@betssongroup.com and to daniela.aquilina@betssongroup.com within 7 days from when you received it. If you have any questions about this task, feel free to contact us on the same email.