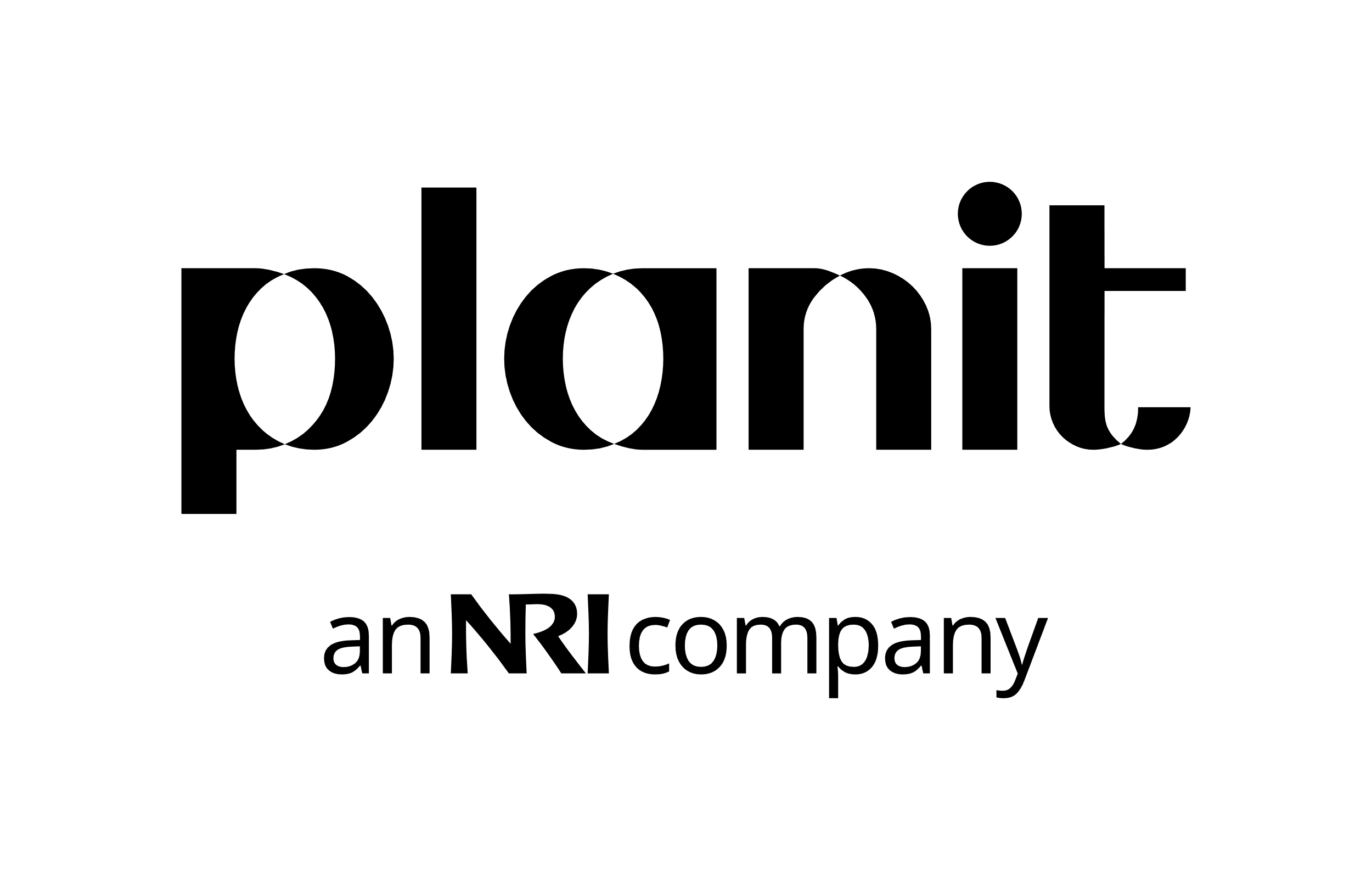
A long white hallway with many columns

Description automatically generated

**Module 3 - Assessment**

Apache JMeter Scripting

# Overview

Please complete the below assessment as promptly as possible.

Submissions must be in a private Github repository name matching your name. For example, *github\_username/john.smith*

Please provide access to the below email accounts (Settings > Manage Access > Invite Collaborator): [gojeah@planittesting.com](mailto:gojeah@planittesting.com) ; [jwhittaker@planittesting.com](mailto:jwhittaker@planittesting.com) ; << INSERT ADDITIONAL REVIEWERS >>

We will review your response and respond with feedback within 12 days.

# Exercise

1. Explain Parameterisation (variables) and correlation, what is the difference?

|  |
| --- |
| **parameterization** refers to the technique of replacing fixed values in a script with variables. These variables can then be assigned different values during test execution. Parameterization allows testers to simulate real-world scenarios by varying inputs such as user credentials, data sets, or request parameters. This helps in assessing the system's performance under different conditions.  **Correlation** in performance testing involves identifying and handling dynamic values in server responses that change with each request. These values typically include session IDs, tokens, or timestamps.  **Difference:**  Parameterization focuses on varying inputs or data during test execution to simulate real-world scenarios and evaluate system performance under different conditions.  Correlation focuses on handling dynamic values within server responses to ensure accurate replay of recorded scripts and maintain the integrity of test scenarios. |

1. Create a script manually to visit the homepage for Blazedemo.com
   1. Add a thread group
   2. Add a HTTP request
   3. Add a view results tree
   4. Add an aggregate report
   5. Execute the test
   6. Review and then clear results
   7. Add a pause: Samplers -> Test Action, set delay to 1000ms (1 second)
   8. Change the iterations from 1 to 10
   9. Repeat the test
   10. Review and then clear results
   11. Change the iterations from 1 to 3
   12. Repeat the test

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