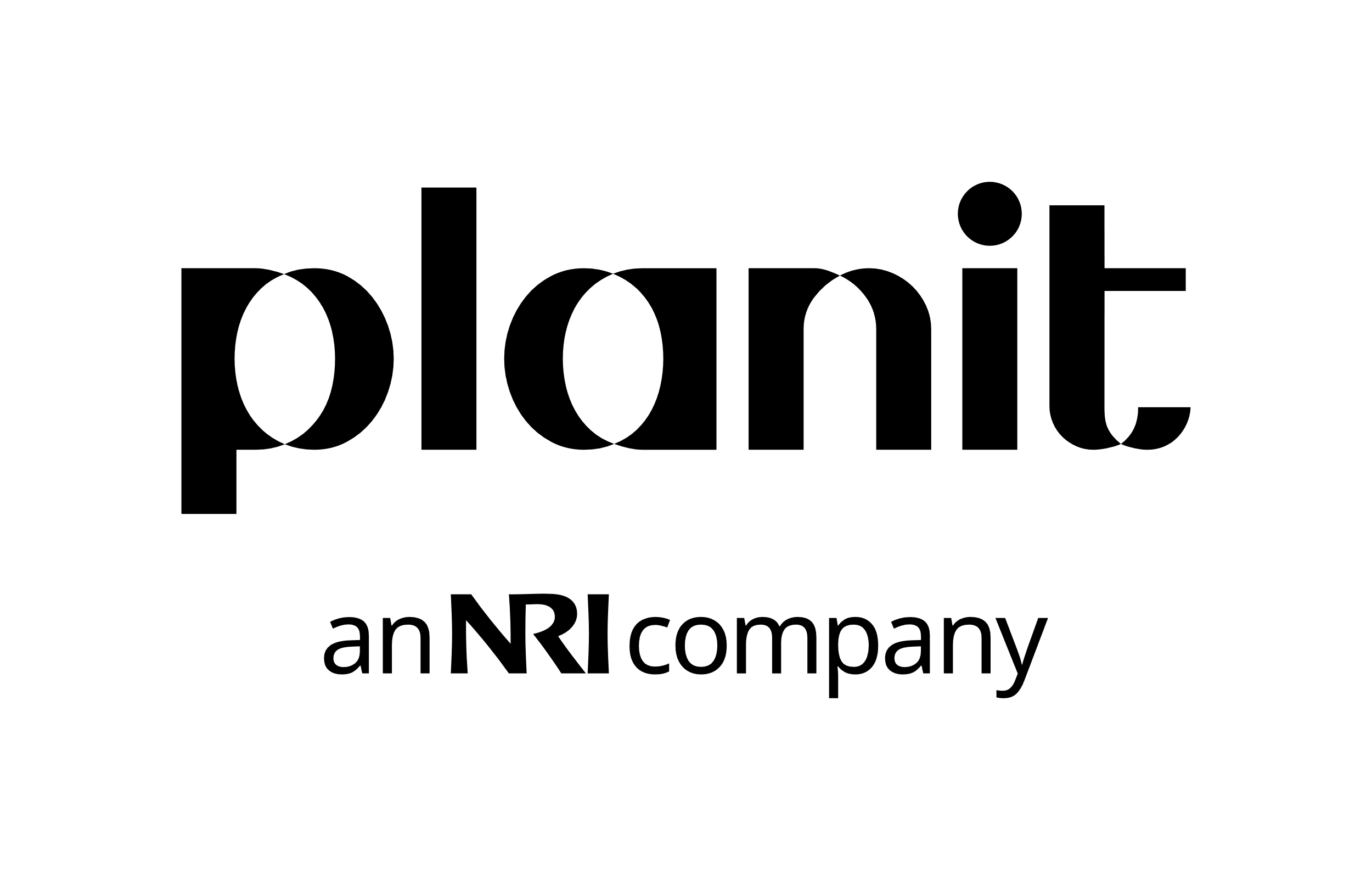
A long white hallway with many columns

Description automatically generated

**Module 6 - Assessment**

Reporting & CI/CD

# 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. Execute a test for 5 minutes in JMeter from the command line
   1. Ensure your script Thread group duration is for time not iterations
      1. Tick thread group “loop count” -> “infinite” tick box
      2. Tick thread group “specify thread lifetime”
      3. Set thread group “duration” to 300 seconds
   2. Ensure the command line arguments use “-l” flag to create a csv results file

jmeter -n -t "C:\Users\iyakubkhan\Desktop\Performance assigemenet\Irshad-Module 5 - Assessment.jmx" -l "C:\Users\iyakubkhan\Desktop\Performance assigemenet\results.csv" -q "C:\Users\iyakubkhan\Desktop\Performance assigemenet\blazemeter.properties" -Jduration=300

A computer screen with many small dots

Description automatically generated with medium confidence

1. Use JMeter Plugins to create graphs from the command line
   1. Use the results from the previous test
   2. You may need to use the GUI installation for Plugins in windows
      1. Download from <https://jmeter-plugins.org/>
      2. Use Install link
      3. Place jar in lib/ext folder
      4. Restart or start a fresh JMeter
      5. Menu options -> JMeter Plugins
   3. Use the GUI to create graphs
   4. Use the command line to create graphs

set TIMESTAMP=%DATE:/=-%\_%TIME::=-%

set TIMESTAMP=%TIMESTAMP: =0%

set TIMESTAMP=%TIMESTAMP:~0,19%

jmeter -n -t "C:\Users\iyakubkhan\Desktop\Performance assigemenet\Irshad-Module 6 - Assessment.jmx" -l "C:\Users\iyakubkhan\Desktop\Performance assigemenet\results\_%TIMESTAMP%.csv" -q "C:\Users\iyakubkhan\Desktop\Performance assigemenet\blazemeter.properties" -Jduration=300 -e -o "C:\Users\iyakubkhan\Desktop\Performance assigemenet\html-report"

A black background with many small lights

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Using the command line have JMeter create an HTML Report post test
   1. Using the options
      1. -e
      2. -o
      3. -g

set TIMESTAMP=%DATE:/=-%\_%TIME::=-%

set TIMESTAMP=%TIMESTAMP: =0% s

et TIMESTAMP=%TIMESTAMP:~0,19%

jmeter -n -t "C:\Users\iyakubkhan\Desktop\Performance assigemenet\Irshad-Module 6 - Assessment.jmx" -l "C:\Users\iyakubkhan\Desktop\Performance assigemenet\results\_%TIMESTAMP%.csv" -q -Jduration=300 -e -o "C:\Users\iyakubkhan\Desktop\Performance assigemenet\html-report"

1. Repeat Exercise 1 but get the HTML report to be created automatically from the test and not post-test processing
   1. using the options
      1. -e
      2. -o

jmeter -n -t "C:\Users\iyakubkhan\Desktop\Performance assigemenet\Irshad-Module 5 - Assessment.jmx" -l "C:\Users\iyakubkhan\Desktop\Performance assigemenet\results.csv" -q "C:\Users\iyakubkhan\Desktop\Performance assigemenet\blazemeter.properties" -Jduration=300

A long white hallway with many columns

Description automatically generated