Congratulations Ajibola!

You have passed the second phase of the recruitment process and have moved on to the next phase, i.e., the technical assessment phase.

Below are the tasks for a take-home test to be submitted before/by 5 p.m. on Friday, June 2, 2023.

1. Exploratory Tests and Defect Reporting.
You are required to perform an exploratory test on the Web app of a learning management system.

The web app is an admin app that manages the creation of courses and improves the learning experience of students on the platform.
Here is a link to the application : https://tutor.enyata.com/dashboard/home

Write test cases, execute tests, document your test results, and provide possible improvements for the following features.

a. Login to the application using these credentials:
{Username - Enyatauser@yopmail.com, Password - P@ssw0rd}
b. Add a course with a certificate;
c. Add a course without a certificate.

Ensure to include in your submission the strategy you used in executing this test, highlighting your scope, the test technique(s) you employed, and the reasons for your choices.

2. UI Automation

Automate some important (the importance of which should be at your discretion) flows for the Web application. The LMS web app is at https://tutor.enyata.com/dashboard/home. The Automation can be done using Katalon/Cypress.

3. API Testing

You are required to write tests in Postman for the attached endpoints collection.
Write tests for each of the endpoints with the following scenarios in mind.
- Status report
- Error handling
- Functional
- Security
- Performance

Kindly note that you are expected to export the report from your collection using Newman.

4. Performance Test

Carry out a performance test to determine the baseline of the LMS Web App with Jmeter. Include both your JMX script and the report showing your deduced baseline in your submission.

The submissions should be done in this mail thread.

Feel free to reach out if you need more clarity on the tasks.