* **Write an automation script for a repetitive testing task relevant to the Openfabric testnet using a chosen framework or language.**

I have developed an automation script using the Selenium WebDriver framework with Cucumber, TestNG, and BDD principles. The script is written in Java and implemented in Eclipse IDE. Maven is utilized for project management and dependencies.

* **Propose a methodical approach to diagnose and resolve a scenario where a particular test on Openfabric testnet model continually fails.**

Diagnosing and resolving the test failures in a selenium automation testing is a systematic process.

The methodical approach to identify and address the issues causing the failure of a particular test on Openfabric Testnet Model are:

1.Browser and Driver Compatibility to be checked

2.Test Cases and Test Datas to be reviewed

3.Element Locators to be inspected

4.Dynamic Elements have to be handled

5. Logging and Reporting (Cucumber reports,Allure,Extent)

6. Test Environment has to be analyzed

7. Collaboration with Developers/QA Team

8.Retry and Debugging has to be done

9. CI/CD Integration

10.Documentation

* **Engage in a role-play or discussion to explain a technical issue to a non-technical stakeholder.**

Hi,

I would like to take a moment to explain the technical issue we are facing in our Selenium Automation Testing in a non-technical perspective.

In our Software testing, we use automated scripts to simulate user interactions and check the functionality of the application.

Imagine, you are a shopkeeper, a customer comes and buys a mobile phone and phone cover and pays only for the mobile phone. Then what happens. You will try to sort it out by adding the price of both the mobile phone and phone cover and resolve the confusion. Right!!!

Likewise in our Openfabric Testnet, if a user chooses an available AI app and infrastructure option, in the payment window, the price of AI app and Infrastructure option has to be summed and displayed. Unfortunately, we are currently experiencing a glitch, where it displays only the AI app price.

This issue has to be addressed by collaborating with the development team to establish a reliable system by displaying the total cost accurately.

I hope this example helps you understand the technical issue we are facing. We are working to resolve this issue and dedicated to provide seamless experience to our users.

Feel free to reach out any clarifications.

Thank you