Brady Senior QA Automation Engineer technical task

Task

Automate finding currency exchange rates in <https://www.tradingview.com>

**In a framework of your choice, implement a test that should:**

1) Navigate to TradingView exchange rates at <https://www.tradingview.com/markets/currencies/rates-all/>

2) Sign-in to the application (You can create a trial user for the test) – Account created

UserName- TestUserBrady1234

Password- TestUserBrady@1234

3) Select “Asia” tab

4) Find the last exchange rate for currency pair GBPJPY

5) Find the last three exchange rates for GBPJPY for a period of 1 minute (Extra points if provided) – Could not able to complete this though I have an approach on how to do this

6) Sign out

Please provide source code and tools used for above task – I have used the Cucumber WDIO framework for automating the scenario given and Multi Cucumber report for generating a HTML report.

I have used **NodeJs v18.12.1** and VSCode IDE.

**Additional question:**

1. Are there any other tests you would suggest for above screen? Please provide brief description and example of such tests. –
   1. We can add test to check each screen if they are loaded properly as part of the automation framework apart from that we can add other testing as well like below:
      1. We can add Visual (using applitools which has integration with WDIO as well) , Accessibility testing (using AXE), we can use Saucelab for cross browser testing and also report execution.
      2. Apart from these we can also integrate these test to CICD pipeline using Jenkins.