Automation Script Submission: Echogpt Test

Author & Submission Info

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- **Task:** Test Automation Script for Echogpt Feature

- **Tools Used:** Java, Selenium WebDriver, ChromeDriver

Execution Instructions:

1. Ensure you have **Java JDK (17 or higher)** installed.

2. Download and set up **ChromeDriver** compatible with your browser version.

3. Add **Selenium WebDriver** libraries to your project.

4. **Before running the script:**

   o Update the ChromeDriver path:
   System.setProperty("webdriver.chrome.driver", "C:\\chromedriver-win64\\chromedriver.exe");

   o Replace with your **GitHub email and password** inside the script:

   o emailField.sendKeys("your-email@example.com");

   o passwordField.sendKeys("your-password");

5. Run the script using your preferred IDE or javac + java command.

Expected Outcome

- Opens the "https://echogpt.live/ site."

- Signs in using GitHub credentials.

- Authenticates and navigates to the app.

- Sends a test message: *"Hi Tell me about Automation Testing"*

- Interacts with image section and verifies response.

- Displays: *"Login process executed successfully!"* in the console upon successful execution.

Code with Proper Comments

```java
import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;

import java.time.Duration;


public class EchogptTest {

        public static void main(String[] args) throws InterruptedException {

                System.setProperty("webdriver.chrome.driver", "C:\\chromedriver-win64\\chromedriver.exe");


                WebDriver driver = new ChromeDriver();

                driver.manage().window().maximize();


                try {


                    driver.get("https://echogpt.live/");

                    Thread.sleep(5000);
```

```java
            // Sign In button

            WebElement signInButton =
driver.findElement(By.xpath("/html/body/div[2]/div/div[2]/div[1]/div[2]/div"));

            signInButton.click();

            Thread.sleep(4000);



            //Sign in with GitHub

            WebElement googleSignIn =
driver.findElement(By.xpath("/html/body/div[2]/div/div[1]/div[2]/div/div[1]/div[3]/div[4]/div"));

            googleSignIn.click();

            Thread.sleep(5000);

            // Enter Email

            WebElement emailField =
driver.findElement(By.xpath("/html/body/div[1]/div[3]/main/div/div[2]/form/div[1]/input[2]"));

            emailField.sendKeys("acbq.bd@gmail.com"); //Add your emai Here

            Thread.sleep(2000);

            //WebElement nextButtonEmail =
driver.findElement(By.xpath("//button[@class='VfPpkd-LgbsSe VfPpkd-LgbsSe-OWXEXe-k8QpJ
VfPpkd-LgbsSe-OWXEXe-dgl2Hf nCP5yc AjY5Oe DuMIQc LQeN7 BqKGqe Jskylb TrZEUc lw1w4b
VfPpkd-ksKsZd-mWPk3d']//div[@class='VfPpkd-RLmnJb']"));

            // nextButtonEmail.click();

            // Thread.sleep(4000);

            // Enter github Password

            WebElement passwordField =
driver.findElement(By.xpath("/html/body/div[1]/div[3]/main/div/div[2]/form/div[2]/input[1]"));

            passwordField.sendKeys("xxxxx"); //add your github password here

            Thread.sleep(2000);



            // Sign In button

            WebElement nextButtonPassword =
driver.findElement(By.xpath("/html/body/div[1]/div[3]/main/div/div[2]/form/div[3]/input"));
```

```java
                nextButtonPassword.click();

                Thread.sleep(10000);

                //Authentication

                WebElement appifydevs =
driver.findElement(By.xpath("/html/body/div[1]/div[6]/main/div/div[2]/div[1]/div[2]/div[1]/form/di
v/button[2]"));

                appifydevs.click();

                Thread.sleep(10000);

                    // Click pop up the cross

                    WebElement crossclick =
driver.findElement(By.xpath("/html/body/div[2]/div/div[4]/div[1]/div[1]/svg"));

                        crossclick.click();

                        Thread.sleep(20000);

                //Chat

                WebElement chatbox =
driver.findElement(By.xpath("/html/body/div[2]/div/div[2]/div[2]/div[1]/div/div[2]/div[3]/textarea")
);

                chatbox.sendKeys("Hi Tell me about Automation Testing");

                Thread.sleep(2000);

            // Click the prompt

                WebElement promptclick =
driver.findElement(By.xpath("/html/body/div[2]/div/div[2]/div[2]/div[1]/div/div[2]/div[3]/div[2]/div[
2]/div[1]/svg/path"));

                promptclick.click();

                Thread.sleep(20000);

            // Click the Image

                WebElement imageclick =
driver.findElement(By.xpath("/html/body/div[2]/div/div[1]/div/div[2]/div[3]/div/div"));

                imageclick.click();

                Thread.sleep(20000);
```

```java
            // view Image

            WebElement view = driver.findElement(By.xpath("<div class=\"relative w-full h-full\"><img alt=\"&quot;Team LAL&quot; with various cats and dogs in cartoon style in the background. Image background should be completely white\" fetchpriority=\"high\" width=\"500\" height=\"500\" decoding=\"async\" data-nimg=\"1\" class=\"w-full h-full object-cover duration-1000 scale-110 group-hover:scale-100\" srcset=\"/_next/image?url=https%3A%2F%2Fecme-next.themenate.net%2Fimg%2Fothers%2Fgallery%2Fimg-2.webp&amp;w=640&amp;q=75 1x, /_next/image?url=https%3A%2F%2Fecme-next.themenate.net%2Fimg%2Fothers%2Fgallery%2Fimg-2.webp&amp;w=1080&amp;q=75 2x\" src=\"/_next/image?url=https%3A%2F%2Fecme-next.themenate.net%2Fimg%2Fothers%2Fgallery%2Fimg-2.webp&amp;w=1080&amp;q=75\" style=\"color: transparent; pointer-events: none; user-select: none;\"><div class=\"absolute bottom-2 left-2 right-2 bg-black bg-opacity-50 text-white text-xs p-2 rounded opacity-0 group-hover:opacity-100 transition-opacity\"><p class=\"truncate\">\"Team LAL\" with various cats and dogs in cartoon style in the background. Image background should be completely white</p><p>Likes: 10</p></div></div>"));

            view.click();

            Thread.sleep(20000);


            System.out.println("Login process executed successfully!");

        } catch (Exception e)

        {

            System.out.println("An error occurred: " + e.getMessage());

        }

        finally

        {

            driver.quit();

        }

    }

}
```