package TestNG;

import java.util.concurrent.TimeUnit;

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.chrome.ChromeOptions;

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

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

import io.github.bonigarcia.wdm.WebDriverManager;

public class BookMyShowLoginAutomation {

public static void main(String[] args) {

// Disable notifications for Chrome browser

ChromeOptions options = new ChromeOptions();

options.addArguments("--disable-notifications");

// Initialize ChromeDriver

WebDriverManager.chromedriver().setup();

WebDriver driver = new ChromeDriver(options);

driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

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

try {

// Open the BookMyShow website

driver.get("https://in.bookmyshow.com/explore/home/");

// Select Bengaluru as the city

WebElement city = driver.findElement(By.cssSelector("img[alt='BANG']"));

city.click();

Thread.sleep(1000);

// Click on SignIn

WebElement signInButton = driver.findElement(By.xpath("//div[@class='sc-dtInlm bnklgU']"));

signInButton.click();

Thread.sleep(1000);

// Click on Continue with Email

WebElement continueWithEmailButton = driver.findElement(By.xpath("//div[contains(text(),'Continue with Email')]"));

continueWithEmailButton.click();

Thread.sleep(1000);

// Enter the email and click continue

String email = "seleniumauto@yopmail.com";

WebElement emailInput = driver.findElement(By.xpath("//input[@id='emailId']"));

emailInput.sendKeys(email);

WebElement continueButton = driver.findElement(By.xpath("//button[@class='sc-kWtpeL fMffSV']"));

continueButton.click();

Thread.sleep(1000);

// Open Yopmail.com

driver.get("http://www.yopmail.com/en/");

// Enter the Yopmail email address and access the inbox

WebElement yopmailEmailInput = driver.findElement(By.xpath("//input[@id='login']"));

yopmailEmailInput.sendKeys(email);

WebElement Button = driver.findElement(By.xpath("//i[@class='material-icons-outlined f36']"));

Button.click();

// Wait for a while to let the email arrive

Thread.sleep(2000);

// Locate the latest email from BookMyShow and fetch the OTP

WebElement latestEmail = driver.findElement(By.xpath("(//span[@class='lmf'][normalize-space()='BookMyShow'])[1]"));

latestEmail.click();

// OTP can not be fetch as the OTP is dyanamic. It should be enter manually.

// Go back to the BookMyShow website

driver.get("https://in.bookmyshow.com/explore/home/");

// Enter the OTP and click continue

WebElement verifyButton = driver.findElement(By.className("sc-dSIIpw aWHtC"));

verifyButton.click();

// Validate user is successfully signed in

WebElement greetingElement = driver.findElement(By.cssSelector("div.sc-jrAGrp.kJWgMa"));

String greetingText = greetingElement.getText();

if (greetingText.contains("Hi, Guest")) {

System.out.println("User is successfully signed in. Greeting: " + greetingText);

} else {

System.out.println("Sign-in was not successful.");

}

} catch (Exception e) {

e.printStackTrace();

} finally {

// Close the browser after the test is completed.

driver.quit();

}

}

}