package seleniumScripts;

import java.awt.AWTException;

import java.awt.Robot;

import java.awt.event.KeyEvent;

import java.io.File;

import java.io.IOException;

import java.time.Duration;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

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.interactions.Actions;

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

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

public class RedBusHomePage {

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

AWTException {

// TODO Auto-generated method stub

ChromeOptions options = new ChromeOptions();

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

WebDriver driver = new ChromeDriver();

Robot robot=new Robot();

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

driver.manage().deleteAllCookies();

driver.get("https://www.redbus.com/");

driver.findElement(By.xpath("//div[@class='main-wrapper search-box-wrapper']/descendant::input[1]")).clear();

driver.findElement(By.xpath("//div[@class='main-wrapper search-box-wrapper']/descendant::input[1]")) .sendKeys("Paris");

Thread.sleep(5000);

robot.keyPress(KeyEvent.VK\_ENTER);

driver.findElement(By.xpath("//div[@class='main-wrapper search-box-wrapper']/descendant::input[2]")).clear();

driver.findElement(By.xpath("//div[@class='main-wrapper search-box-wrapper']/descendant::input[2]")) .sendKeys("London");

Thread.sleep(5000);

robot.keyPress(KeyEvent.VK\_ENTER);

Thread.sleep(3000);

driver.findElement(By.id("date-box")).click();

Thread.sleep(5000);

driver.findElement( By.xpath("//div[@class='DatePicker\_\_CalendarContainer-sc-1x9sb82-0 bkhtIz']/descendant::span[41]")) .click();

Thread.sleep(5000);

driver.findElement(By.id("search\_butn")).click();

Thread.sleep(10000);

driver.get("https://www.remove.bg/");

Thread.sleep(3000);

WebElement e1 = driver.findElement(By.xpath("//div[@class='mx-auto w-full px-8 max-w-5xl relative']/descendant::button[1]"));

WebDriverWait wait = new

WebDriverWait(driver,Duration.ofSeconds(10));

wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//div[@class='mx-auto w-full px-8 max-w-5xl relative']/descendant::button[1]")));

e1.click();

driver.get("https://www.amazon.com/");

driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));

WebElement e2 = driver.findElement(By.xpath("//"

+ "\*[@class='nav-line-2']"));

Thread.sleep(5000);

File srcFile = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);

File destFile = new File("./Screenshots/project.png");

FileUtils.copyFile(srcFile, destFile);

System.out.println("successfully checked web elements of the websites");

}

}