package com.saucelabs.driverMgmt;

import java.io.File;

import java.io.IOException;

import java.time.Duration;

import java.text.SimpleDateFormat;

import java.util.Date;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.edge.EdgeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

public class BaseTest {

public WebDriver driver;

public void setupDriver() {

String browser = "chrome";

if (browser.equalsIgnoreCase("chrome")) {

driver = new ChromeDriver();

} else if (browser.equalsIgnoreCase("Firefox")) {

driver = new FirefoxDriver();

} else {

driver = new EdgeDriver();

}

driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(30));

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

}

public void tearDown() throws IOException, InterruptedException {

Thread.sleep(Duration.ofSeconds(5));

capture();

driver.quit();

}

public String capture(String name) throws IOException {

// UUID uuid = UUID.randomUUID();

if (driver == null)

System.out.println("driver was null");

TakesScreenshot ts = (TakesScreenshot) driver;

File source = ts.getScreenshotAs(OutputType.FILE);

String dest = System.getProperty("user.dir") + File.separator + "Screenshots" + File.separator

+ name + "\_" + getDateAndTime() + ".png";

File destination = new File(dest);

FileUtils.copyFile(source, destination);

return dest;

}

public String capture() throws IOException {

// UUID uuid = UUID.randomUUID();

if (driver == null)

System.out.println("driver was null");

TakesScreenshot ts = (TakesScreenshot) driver;

File source = ts.getScreenshotAs(OutputType.FILE);

String dest = System.getProperty("user.dir") + File.separator + "Screenshots" + File.separator

+ "TestProof\_Screenshot\_" + getDateAndTime() + ".png";

File destination = new File(dest);

FileUtils.copyFile(source, destination);

return dest;

}

public String getDateAndTime() {

Date dNow = new Date();

SimpleDateFormat ft = new SimpleDateFormat("E\_yyyy-MM-dd\_hh\_mm\_ss\_a\_zzz");

return ft.format(dNow).toString();

}

// Add a main method to execute the setup and teardown methods.

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

BaseTest test = new BaseTest();

test.setupDriver();

// Your test logic can go here.

test.tearDown();

}

}