**How to take screenshot of failed test case :**

Class 1:

package failedTestCaseScreenshot;

import org.openqa.selenium.WebDriver;

public class MainTest {

public static WebDriver driver;

}

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Class 2:

package failedTestCaseScreenshot;

import java.io.File;

import java.io.IOException;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.io.FileHandler;

public class GetScreenshot extends MainTest {

public static String capture(String screenshotName) throws IOException {

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

File d = new File("C:/Users/Admin/Desktop/Failedtest case screenshot/abc.bmp");

FileUtils.copyFile(s,d);

return screenshotName;

}

}

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Class 3:

package failedTestCaseScreenshot;

import java.io.IOException;

import org.testng.ITestListener;

import org.testng.ITestResult;

public class ListenerTest implements ITestListener{

public void onTestFailure(ITestResult result) {

try {

GetScreenshot.capture(result.getName());

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

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Class 4:

package failedTestCaseScreenshot;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.Assert;

import org.testng.annotations.Test;

public class CaptureScreenshot extends MainTest {

@Test

public void captureScreenshot() throws InterruptedException {

System.setProperty("webdriver.chrome.driver","E:/Soft/chrome\_driver2/chromedriver.exe");

driver=new ChromeDriver();

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

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

Thread.sleep(2000);

String title =driver.getTitle();

//Facebook - लॉग इन किंवा साइन अप

Assert.assertEquals("Home", title);

Thread.sleep(6000);

driver.close();

}

}

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Then right click on same package and select testNG--converttestNG--Next---Next--Finish

xml file will be generated

run that xml file

XML file:

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">

<suite name=*"Suite"*>

<listeners>

<listener class-name=*"FailedTestCaseScreenshot.ListenerTest"*></listener>

</listeners>

<test thread-count=*"5"* name=*"Test"*>

<classes>

<class name=*"FailedTestCaseScreenshot.CaptureScreenshot"*/>

</classes>

</test>

</suite>

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