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package rahulshettyacademy.TestComponents;

import java.io.IOException;

import org.openqa.selenium.WebDriver;
import org.testng.ITestContext;
import org.testng.ITestListener;
import org.testng.ITestResult;

import com.aventstack.extentreports.ExtentReports;
import com.aventstack.extentreports.ExtentTest;
import com.aventstack.extentreports.Status;

import rahulshettyacademy.resources.ExtentReporterNG;

public class Listeners extends BaseTest implements ITestListener{
    ExtentTest test;
    ExtentReports extent = ExtentReporterNG.getReportObject();
    ThreadLocal<ExtentTest> extentTest = new ThreadLocal<ExtentTest>();
//Thread safe
    @Override
    public void onTestStart(ITestResult result) {
        // TODO Auto-generated method stub
        test = extent.createTest(result.getMethod().getMethodName());
        extentTest.set(test); //unique thread id(ErrorValidationTest)->test
    }

    @Override
    public void onTestSuccess(ITestResult result) {
        // TODO Auto-generated method stub
        extentTest.get().log(Status.PASS, "Test Passed");
    }

    @Override
    public void onTestFailure(ITestResult result) {
        // TODO Auto-generated method stub
        extentTest.get().fail(result.getThrowable()); //

        try {
            driver = (WebDriver)
result.getTestClass().getRealClass().getField("driver")
                                .get(result.getInstance());

        } catch (Exception e1) {
            // TODO Auto-generated catch block
            e1.printStackTrace();
        }
    }
}

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        String filePath = null;
        try {

            filePath =
getScreenshot(result.getMethod().getMethodName(),driver);
        } catch (IOException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }
        extentTest.get().addScreenCaptureFromPath(filePath,
result.getMethod().getMethodName());

        //Screenshot, Attach to report

    }

    @Override
    public void onTestSkipped(ITestResult result) {
        // TODO Auto-generated method stub

    }

    @Override
    public void onTestFailedButWithinSuccessPercentage(ITestResult result) {
        // TODO Auto-generated method stub

    }

    @Override
    public void onStart(ITestContext context) {
        // TODO Auto-generated method stub

    }

    @Override
    public void onFinish(ITestContext context) {
        // TODO Auto-generated method stub
        extent.flush();
    }

}

```