Extent Report

Add the below jar file

<dependency>

<groupId>com.aventstack</groupId>

<artifactId>extentreports</artifactId>

<version>5.0.9</version>

</dependency>

Create Base class with below code

**public** ExtentSparkReporter spark;

**public** **static** ExtentReports *extent*;

**public** **static** ExtentTest *logger*;

WebDriver driver;

@BeforeTest

**public** **void** startReport() {

*extent* = **new** ExtentReports();

spark = **new** ExtentSparkReporter(System.*getProperty*("user.dir") + "/test-output/NewExtentReport.html");

*extent*.attachReporter(spark);

spark.config().setDocumentTitle("Verifying demo automation application");

spark.config().setReportName("Testing Report");

spark.config().setTheme(Theme.***DARK***);

}

**public** **static** String getScreenShot(WebDriver driver, String screenshotName) **throws** IOException {

File ss = ((TakesScreenshot)driver).getScreenshotAs(OutputType.***FILE***);

String destination = System.*getProperty*("user.dir") + "/Screenshots/" + screenshotName + **new** Random().nextInt() + ".png";

FileHandler.*copy*(ss, **new** File(destination));

**return** destination;

}

@AfterMethod

**public** **void** getResult(ITestResult result) **throws** Exception{

**if**(result.getStatus() == ITestResult.***FAILURE***){

*logger*.log(Status.***FAIL***, MarkupHelper.*createLabel*(result.getName() + " - Test Case Failed", ExtentColor.***RED***));

*logger*.log(Status.***FAIL***, MarkupHelper.*createLabel*(result.getThrowable() + " - Test Case Failed", ExtentColor.***RED***));

String screenshotPath = *getScreenShot*(driver, result.getName());

*logger*.fail("Test Case Failed Snapshot is below " + *logger*.addScreenCaptureFromPath(screenshotPath));

}

**else** **if**(result.getStatus() == ITestResult.***SKIP***){

*logger*.log(Status.***SKIP***, MarkupHelper.*createLabel*(result.getName() + " - Test Case Skipped", ExtentColor.***ORANGE***));

}

**else** **if**(result.getStatus() == ITestResult.***SUCCESS***)

{

*logger*.log(Status.***PASS***, MarkupHelper.*createLabel*(result.getName()+" Test Case PASSED", ExtentColor.***GREEN***));

}

driver.quit();

}

@AfterTest

**public** **void** endReport() {

*extent*.flush();

}

Test Scripts should extend Base

In Test script add the below line

logger = extent.createTest("To verify address book");