



```

1 package com.Listeners;
2
3 import java.io.File;
4 import com.aventstack.extentreports.ExtentReports;
5 import com.aventstack.extentreports.reporter.ExtentHtmlReporter;
6 import com.aventstack.extentreports.reporter.configuration.ChartLocation;
7 import com.aventstack.extentreports.reporter.configuration.Theme;
8
9 public class ExtentManager {
10
11     private static ExtentReports extent;
12     private static String reportFileName = "Test-Automation-Report+.html";
13     private static String fileSeparator = System.getProperty("file.separator");
14     private static String reportFilepath = System.getProperty("user.dir") + fileSeparator + "TestReport";
15     private static String reportFileLocation = reportFilepath + fileSeparator + reportFileName;
16
17
18     public static ExtentReports getInstance() {
19         if (extent == null)
20             createInstance();
21         return extent;
22     }
23
24     //Create an extent report instance
25     public static ExtentReports createInstance() {
26
27         String fileName = getReportPath(reportFilepath);
28
29         ExtentHtmlReporter htmlReporter = new ExtentHtmlReporter(fileName);
30         htmlReporter.config().setTestViewChartLocation(ChartLocation.TOP);
31         htmlReporter.config().setChartVisibilityOnOpen(true);
32         htmlReporter.config().setTheme(Theme.STANDARD);
33         htmlReporter.config().setDocumentTitle(reportFileName);
34         htmlReporter.config().setEncoding("utf-8");
35         htmlReporter.config().setReportName(reportFileName);
36         htmlReporter.config().setTimeStampFormat("EEEE, MMMM dd, yyyy, hh:mm a '('zzz')'");
37
38         extent = new ExtentReports();
39         extent.attachReporter(htmlReporter);
40         //Set environment details
41         extent.setSystemInfo("OS", System.getProperty("os.name"));
42         extent.setSystemInfo("Java Version", System.getProperty("java.version"));
43         extent.setSystemInfo("Browser", "Chrome");
44         extent.setSystemInfo("Host Name", System.getProperty("user.name"));
45
46         return extent;
47     }
48

```

## Extent Report With Environment Details:

