

## **BUILD & DEPLOYMENT:**

### **Build Tool:**

- Maven is used as the build tool.

### **Build Process:**

1. Maven compiles the automation framework source code.
2. All required dependencies (Selenium, TestNG, Extent Reports) are downloaded automatically from pom.xml.
3. TestNG XML files are used to control test execution.
4. Tests are executed on supported browsers (Chrome, Edge, Firefox).
5. Execution reports are generated after test completion.

### **Test Execution Method:**

- Tests are executed using TestNG XML files.

- Execution is triggered from Eclipse using:

Right Click → Run As → TestNG Suite

### **Artifacts Generated:**

- Extent Report is generated in the reports folder.
- TestNG default reports are generated in test-output folder.

### **Deployment Status:**

- Automation framework is ready for execution.
- No application deployment is required as this is a web-based application.