**Automation Framework architecture diagram**

Testing Tool & Programming Language

(Selenium & Java)

Test Runner

[Cucumber +TestNG]

Browser Drivers

(Chrome, Edge)

Parallel Execution

(TESTNG XML)

Reports

(Extent Reports)

Test Scripts Layer

(Step Definitions)

Logging

(Log4j)

Page Object Model

(POM)

Test Data

(JSON)/(Properties)