# SmallWorldAutomation Project Documentation

## Project Overview

Name: SmallWorldAutomation

Description: This project serves as an automation test which is assigned by **SmallWorld Automation Challenge.**

## Dependencies

**Cucumber:** 7.14.1

Artifact: cucumber-java

Artifact*:* cucumber-junit

Artifact: cucumber-core

## Selenium: 4.16.0

Artifact: selenium-java

## JUnit: 4.13.2

Artifact: junit

## Maven Build Configuration

Source Compatibility: Java 11

Target Compatibility: Java 11

## Test Framework

Cucumber: The project uses Cucumber for behavior-driven testing.

JUnit: JUnit is utilized for running and managing test cases.

## Browser Automation

Selenium WebDriver: The project leverages Selenium WebDriver for browser automation.

Chrome Driver: The ChromeDriver executable is included in the project's resources for Chrome browser automation.

## Test Execution

* Test execution is orchestrated by Cucumber scenarios defined in feature files.
* **Covered Test Scenarios:** filtering products, add/remove products to the cart, checkout cart and logout scenario.

## Execution Entry Point

* The main test runner class is TestRunner located in the runner package.

## Javadoc

The project includes Javadoc for code documentation. Refer to the source code for detailed information about classes and methods.