Test Strategy Document

**Application Under Test: https://demowebshop.tricentis.com/**

## 1. Specifying Objective of Testing

The objective is to validate the end-to-end functionality, usability, and reliability of the Demo Web Shop. Testing ensures the application meets business requirements and provides a seamless user experience.

## 2. Conducting Formal Reviews

Formal reviews will be conducted at each phase:  
• Requirement review with stakeholders  
• Test case review with QA leads  
• Code review by development team  
• Test summary review with project manager

## 3. Specifying the Product Requirements

Key features to be tested:  
• User Registration and Login  
• Product Search and Filtering  
• Shopping Cart and Checkout  
• Payment Integration (Dummy Gateway)  
• Order Confirmation and History

## 4. Build Robust Software

• Collaborate with developers to ensure unit testing is thorough  
• Test early and often through sprint cycles  
• Report bugs with clear steps and logs  
• Conduct regression testing after every build

## 5. Automation Strategy

• Tool: Selenium WebDriver  
• Scope: Smoke and Regression Testing  
• Framework: Hybrid framework with Page Object Model  
• Execution: Triggered via CI/CD pipelines

## 6. Test Schedule

Test Planning: [DD-MM] to [DD-MM]  
Test Case Design: [DD-MM] to [DD-MM]  
Automation Scripting: [DD-MM] to [DD-MM]  
Test Execution: [DD-MM] to [DD-MM]  
Test Closure: [DD-MM]

## 7. Developing a Test Plan

A formal test plan will be developed and include:  
• Test Objectives  
• Scope and Out of Scope items  
• Testing Types and Techniques  
• Roles and Responsibilities  
• Entry and Exit Criteria  
• Tools and Deliverables