Test Strategy – AutomationExercise.com

# 1. Introduction

This document outlines the overall test strategy for the AutomationExercise.com website. It defines the approach, resources, and testing techniques to ensure quality delivery.

# 2. Test Objectives

• Ensure all core functionalities (signup, login, cart, etc.) work as intended  
• Identify UI, usability, and functional defects early  
• Ensure the platform is stable across devices and browsers

# 3. Scope of Testing

* In-Scope:  
  • Signup/Login  
  • Product Search  
  • Add to Cart  
  • Contact Form  
  • Navigation
* Out-of-Scope:  
  • Payment integration  
  • Admin panel functionalities

# 4. Test Levels

• Unit Testing (by developers)  
• Integration Testing  
• System Testing  
• Acceptance Testing

# 5. Test Techniques

• Black-box Testing: For functional validation  
• Exploratory Testing: For usability and edge cases  
• Equivalence Partitioning & Boundary Value Analysis: For test design  
• Regression Testing: After bug fixes

# 6. Test Environment

• Devices: Windows 10, macOS, Android, iOS  
• Browsers: Chrome, Firefox, Safari, Edge  
• Network: Wi-Fi connectivity with stable internet  
• Tools: JIRA, Google Sheets, Snipping Tool

# 7. Test Schedule

• Week 1 – Planning & Scenario Design  
• Week 2 – Test Case Creation  
• Week 3 – Execution & Reporting  
• Week 4 – Retesting & Closure

# 8. Test Deliverables

• Test Plan  
• Test Cases  
• Bug Reports  
• Daily/Weekly Test Summary

# 9. Resource Planning

• 1 Test Lead – Planning & Review  
• 1 Manual Tester – Test design & execution

# 10. Risk Assessment and Mitigation

• Risk: Test data unavailable → Mitigation: Use dummy/demo data  
• Risk: Application downtime → Mitigation: Schedule tests during off-hours

# 11. Test Exit Criteria

• 95% test case execution  
• All high severity bugs fixed  
• Final test summary submitted

# 12. Test Metrics and Reporting

• Total test cases executed  
• Pass/fail percentage  
• Number of defects by severity  
  
Reports shared via email every 2–3 days