# Manual Testing Test Plan for Specsmakers Website

## 1. Cover Page

Project Name: Specsmakers Website Testing  
Version: 1.0  
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## 3. Introduction

The Specsmakers website is an e-commerce platform that allows users to browse and purchase eyeglasses, sunglasses, computer glasses, and other optical products. This test plan outlines the manual testing approach for the website to ensure functionality, usability, and performance.

## 4. Objectives

• Verify that all website features function as expected.  
• Ensure smooth navigation and usability across different devices and browsers.  
• Validate secure payment processing and order management.  
• Check promotional offers and discount applications.  
• Identify and report bugs or usability issues.

## 5. Scope of Testing

• In Scope:  
 - Homepage, category pages, and product detail pages.  
 - Add to cart, checkout, and payment processes.  
 - User authentication (login, signup, password reset).  
 - Order tracking and return request functionalities.  
 - Store locator and customer support chat.  
 - Website responsiveness and compatibility.  
  
• Out of Scope:  
 - Internal backend systems (Admin panel, database testing).  
 - Third-party integrations beyond website control.

## 6. Features to be Tested

1. Homepage:  
 - Banner images and promotional offers.  
 - Navigation menu functionality.  
  
2. Product Pages:  
 - Product images, descriptions, and price display.  
 - Add to cart, wishlist, and compare options.  
  
3. Checkout Process:  
 - Payment gateway integration.  
 - Discount code application.  
 - Order confirmation and email notification.  
  
4. User Account Management:  
 - Login, signup, and password reset.  
 - Profile update and order history.  
  
5. Other Functionalities:  
 - Contact form and customer support chat.  
 - Store locator and search functionality.

## 7. Testing Strategy

• Functional Testing: Validate all core website functionalities.  
• UI/UX Testing: Ensure smooth user experience and intuitive navigation.  
• Compatibility Testing: Test on different devices, browsers, and screen sizes.  
• Security Testing: Check login authentication and payment security.

## 8. Test Environment Setup

• Devices: Desktop  
• Browsers: Chrome, Firefox, Safari, Edge  
• Network Conditions: 4G, 5G, Wi-Fi

## 9. Test Deliverables

• Test Cases  
• Bug Reports  
• Test Execution Report  
• Final Test Summary

## 10. Task Schedule

• Test Case Preparation: [Start 06/02/2025 - [End 06/02/2025]  
• Test Execution: [Start 06/02/2025 - [End 06/02/2025]  
• Bug Fix Verification: [Start 06/02/2025 - [End 06/02/2025]  
• Final Report: [[Start 06/02/2025 - [End 06/02/2025]

## 11. Entry & Exit Criteria

• Entry Criteria:  
 - Test environment is set up.   
 - Functional requirements are finalized.  
 - Test cases are reviewed.  
  
• Exit Criteria:  
 - All critical and major defects are fixed.  
 - Test execution is completed.  
 - Final test summary report is prepared.

## 12. Risks & Mitigation

• Risk: Website downtime → Mitigation: Perform testing in off-peak hours  
• Risk: Payment gateway issues → Mitigation: Use test payment credentials  
• Risk: Compatibility issues → Mitigation: Test on multiple browsers and devices

## 13. Roles & Responsibilities

• QA Engineer: Execute test cases, log defects  
• Developer: Fix reported issues  
• Project Manager: Ensure timelines are met

## 14. Tools & Resources

* Browser Stack
* Excel

## 15. Approval & Sign-off

* Test Plan
* Test Scenarios
* Repots