

Test Plan

Project: website.ge

Document Type: Test Plan

Version: 1.0

Introduction

- This test plan provides complete information about the testing process of the product website.ge.
- It covers responsibilities, testing levels, types, techniques, scope, and risks.

Testing Process

- Participation of all team members in project meetings
- Collaboration with Product Owner, Scrum Master, Designer, and Developers
- Creation of checklists and positive/negative test cases
- Execution of functional and non-functional testing
- Bug reporting, retesting, regression and smoke testing
- API and data testing

Planned Functionalities for Testing

- Registration
- Authorization
- Add to cart
- Order placement
- Product search and filtering
- Product listing
- Payment
- Personal account management
- Discounts and coupon usage
- Mobile compatibility

Functionalities Not Planned for Testing

- Contact functionality handled by another team

Testing Approach

- Manual Testing
- Gray Box Testing

Testing Levels

- Component Testing
- Component Integration Testing
- System Testing
- System Integration Testing

- User Acceptance Testing (Alpha & Beta)

Testing Types

- Functional Testing
- Non-functional Testing: UI/UX, Cross-Browser, Portability, Responsive, Performance, Localization
- Change-related Testing: Re-testing, Regression Testing

Testing Techniques

- Black Box Testing: Equivalence Partitioning, Boundary Value Analysis, Decision Table Testing
- Exploratory Testing

Test Environment

- OS: Windows, macOS, iOS, Android
- Browsers: Chrome, Firefox, Opera, Edge, Safari
- Devices: Desktop, Tablet, Smartphone
- Service: BrowserStack

Test Tools

- TestCaseLab
- ClickUp
- Postman / Swagger
- Microsoft SQL Server Management Studio

Entry Criteria

- Requirements and design are ready
- Test environment and tools are prepared
- Test data is available
- Test cases and checklists are ready
- Responsibilities are assigned

Exit Criteria

- All high-priority defects are fixed and retested
- No more than 5 medium-priority open defects per functionality
- Regression testing passed
- UAT completed successfully
- Smoke test passed after deployment

Test Suspension Criteria

- Testing will be suspended if the Smoke Test fails

Requirements Traceability Matrix (RTM)

Functionality	Test Case IDs
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Registration	2301.1 – 2301.10
Authorization	2507.1 – 2507.7
Add to Cart	1505.1 – 1505.12
Order Placement	1210.1 – 1210.15
Product Search & Filters	1402.1 – 1402.20
Product Listing	1440.1 – 1440.10
Payment	1200.1 – 1200.9
Account Management	2106.1 – 2106.21
Discounts & Coupons	1823.1 – 1823.6
Mobile Compatibility	2201.1 – 2201.18

Test Schedule

Activity	Period
Requirement Testing	13 Jan – 18 Jan
Design Testing	19 Jan – 25 Jan
Test Case Creation	26 Jan – 1 Feb
Product Testing	1 Feb – 10 Feb