

Oscar Grand Stores

1. Introduction

1.1 Purpose

The purpose of this test plan is to outline the strategy, resources, schedule, and scope for testing the grocery shopping application designed for both web and mobile platforms.

1.2 Objectives

- Ensure the application functions correctly on all supported platforms.
- Verify that the application meets the specified requirements.
- Identify and resolve any defects before the product is released.

1.3 References

- Project Requirements Document
- Application User Guide

2. Scope

2.1 In-Scope

- Account creation and login
- Product search and filter
- Adding items to the cart
- Checkout process
- Order history
- Order modification

2.2 Out-of-Scope

- Performance testing
- Security testing (to be handled separately)
- Testing on unsupported platforms and browsers

3. Test Items

- **Web application:** [Oscar Stores Website](#)
- **Android application:** [Oscar Stores Android App](#)

4. Features to be Tested

- Account creation and login
- Product search and filter
- Adding items to the cart
- Checkout process
- Order history
- Order modification

5. Test Approach

5.1 Types of Testing

- **Functional Testing:** Verify that the application meets functional requirements.
- **Usability Testing:** Assess user experience and ease of navigation.
- **Compatibility Testing:** Ensure the application works across different devices and browsers.
- **Regression Testing:** Check that recent changes do not adversely affect existing features.

5.2 Test Levels

- **Unit Testing:** Conducted by developers on individual components.
- **Integration Testing:** Verify interactions between integrated components.
- **System Testing:** Comprehensive testing of the complete system.
- **User Acceptance Testing (UAT):** End-to-end testing with end-users to validate the system against requirements.

6. Test Environment

6.1 Hardware

- Desktop computers

- Android smartphones

6.2 Software

- Browsers: Chrome, Firefox, Safari
- Android OS versions

7. Test Schedule

Phase	Start Date	End Date	Duration
Test Planning	06/06/2024	06/06/2024	2 hours
Test Case Creation	06/06/2024	06/06/2024	5 hours
Test Environment Setup	06/06/2024	06/06/2024	1 hour
Test Execution	07/06/2024	07/06/2024	6 hours
Bug Reporting	07/06/2024	07/06/2024	2 hours
Test Summary Report	07/06/2024	07/06/2024	1 hour

8. Test Deliverables

- **Test Plan Document:** This document outlining the testing strategy.
- **Test Cases Document:** Detailed test cases for each functionality.
- **Test Summary Report:** Summary of testing outcomes and defect status.
- **Bug Reports:** Detailed descriptions of defects found during testing.

9. Resources

9.1 Personnel

- Test Manager
- Test Engineers
- Developers
- Business Analysts

9.2 Tools

- Manual Tool: Excel sheet

10. Responsibilities

- **Test Manager:** Oversee the testing process, manage resources, and ensure timely completion.
- **Test Engineers:** Execute test cases, log defects, and report progress.
- **Developers:** Fix defects and support the testing team.
- **Business Analysts:** Provide requirements clarification and support UAT.

11. Risks and Mitigation

Risk Description	Probability	Impact	Mitigation Strategy
Application downtime during testing	Medium	High	Schedule testing during off-peak hours
Incomplete or outdated test data	Medium	Medium	Ensure regular updates and backups of test data
Delays in defect fixing	High	High	Prioritize critical defects and regular follow-ups

12. Approval

Name	Role	Signature	Date
	Test Manager		
	Project Manager		
	Business Analyst		