

Test Plan – Order Management System (OMS)

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1. Introduction

This test plan describes the approach for manual functional testing and backend data validation for a sample OMS.

2. Scope

- In Scope: Customer creation, Order placement, Order detail verification, Backend data validation
- Out of Scope: Performance testing, Security testing, Full automation framework

3. Test Strategy

- Manual functional tests executed using defined test cases
- Regression suite re-run after fixes
- SQL queries used to validate data correctness in Customers and Orders tables
- Defects documented with reproducible steps and expected vs actual results

4. Test Environment

- Local or cloud-hosted sample database (MySQL/PostgreSQL/SQLite)
- Test data: sample customers and orders
- Tools: Excel for test cases/defects, SQL client for queries

5. Entry / Exit Criteria

- Entry: Test environment available; build deployed; test data prepared
- Exit: All critical/high defects resolved or accepted; smoke and regression pass

6. Deliverables

- Test cases spreadsheet
- SQL validation queries
- Defect log
- Summary of results

7. Risks and Mitigations

- Risk: Unstable test environment → Mitigation: Use controlled sample dataset
- Risk: Incomplete requirements → Mitigation: Clarify assumptions and document expected behavior

8. Sign-off

Reviewer: _____ Date: _____
Owner: _____ Date: _____