

Project Description (Testing-Only Version)

The **Swag Lads E-Commerce Testing Project** focuses on testing a web application that simulates an online store.

The main goal is to apply **Software Testing techniques** (Manual & Dynamic Testing) on an existing prototype, ensuring software quality and identifying defects.

Objectives

1. Practice **Requirement Analysis** for a sample e-commerce system.
 2. Design and execute **Manual Test Cases**.
 3. Apply different testing approaches:
 - Functional Testing
 - UI/UX Testing
 - Negative Testing
 - Boundary Value Analysis (BVA)
 - Regression Testing
 4. Document results in a **Test Report**.
 5. Report defects using a bug tracking tool (e.g., JIRA, Trello, or Excel).
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Scope of Testing

- **Login Page:** Valid and invalid credentials.
 - **Product Listing Page:** Verify product details (name, image, price).
 - **Cart Functionality:** Add/remove products, check total calculation.
 - **Checkout Page:** Validate required fields and payment simulation.
 - **Error Handling:** Invalid inputs, empty cart checkout, etc.
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Workflow (Steps of Work)

1. **Requirement Review**
 - Analyze features of Swag Lads (Login, Cart, Checkout).
2. **Test Planning**
 - Define scope, objectives, resources, and test schedule.
3. **Test Design**
 - Prepare **Test Cases** and **Test Scenarios** for all modules.
4. **Test Execution**
 - Execute test cases step by step.

- Mark results (Pass/Fail).
 - **Defect Reporting**
 - Log bugs with proper details (Steps to reproduce, Expected vs Actual, Screenshots).
 - ↯ **Regression Testing**
 - After bug fixes, re-test and ensure no new issues.
 - ↯ **Test Closure**
 - Summarize test effort, results, defect density, and lessons learned.
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Deliverables

- Test Plan Document
- Test Cases & Test Scenarios (Excel/Sheets)
- Bug Reports (JIRA/Trello/Excel)
- Test Execution Results
- Final Test Summary Report