QA Manual Testing Project – Demo Web Shop | Petran Adriana

This document presents a personal QA practice project using the Demo Web Shop application. The goal was to apply manual testing concepts in a realistic context by validating core functionalities. This project includes a test plan, structured test cases, a simulated bug report, and key learnings.

Test Plan
Project Name: Demo Web Shop QA Practice
Tested by: Petran Adriana
Application Under Test: https://demowebshop.tricentis.com/
Type: E-commerce Web Application
Goal: Test key functionalities such as login, registration, product search, add to cart, and email feature.

Scope:
- Functional Testing
- UI Testing

Test Environment:
- Browser: Chrome
- OS: Windows 11

Tools Used:
- Google Sheets (for test cases)
- Notion (bug documentation)
- Chrome browser

Test Types Used:
- Manual Testing (Exploratory & Scenario-based)

Test Cases (Sample):

TC ID	Test Scenario	Steps	Expected Result	Status
TC01	Login with invalid credentials	1. Go to login page 2. Enter invalid email/password 3. Click Login	Error message: 'Please enter a valid email address	Pass
TC02	Register a new account	1. Click Register 2. Fill in fields 3. Submit form	Registration successful message appears	Pass
TC03	Search for a product	1. Enter product name in search bar 2. Click Search	Product list appears with details	Pass
TC04	Add product to cart	1. Click Add to Cart 2. View cart	Product is shown in cart with correct quantity	Pass

TC ID	Test Scenario	Steps	Expected Result	Status
TC05	Email a friend	1. Click on Email a friend 2. Fill in form 3. Click Send	Email is sent or error shown if invalid	Pass

Bug Report Example:

Bug Report Example

Bug ID: BUG-002
Title: Email a friend – form submits without validation when fields are empty
Severity: Medium
Steps to Reproduce:
1. Navigate to any product (e.g., 'Build your own computer')
2. Click 'Email a friend'
3. Leave all fields blank and click 'Send Email'

Expected Result: Error messages should appear for all required fields.
Actual Result: The form attempts to submit, and a generic message appears without highlighting specific errors.

Environment: Chrome (latest version), Windows 11
Status: Open

Findings & What I Learned

- Practicing on a real web application helped me understand how user actions translate into test cases.
- I practiced identifying validation issues and learned how to document bugs clearly and concisely.
- Testing small features (like email a friend) revealed how important front-end validation is in user experience.
- I also gained confidence in structuring my work for presentation (PDFs, documentation).

Screenshot (Simulated Bug):

Email a Friend - Bug Simulation
(All fields left empty)