Test Report

Reference Sheets & Platforms

Manual Testing: Bemo Blaze (Web Application) – executed on web, documented in internal sheets:[https://docs.google.com/spreadsheets/d/1M5OPdqDelTm5EHiNkRjBHhzWk4TBnjD2H6EV_lqESi8/edit?usp=sharing]

Automation Testing: SauceDemo (Web Application) – executed on web, no external sheet available.

API Testing: Fake Store (Platzi) – documented in Google Sheets: [https://docs.google.com/spreadsheets/d/1wGYPi54EtUoPD_PKVqJp3j21xDfOaAiNIHG_l8AeUI8/edit?usp=sharing]The sheets include all executed test scenarios, expected vs actual results, status (Pass/Fail), and reported bugs for each module and API.

Project Overview

The team conducted comprehensive testing on the Web Application using three types of testing:

1. Manual Testing
2. Automation Testing
3. API Testing

All key modules of the website and APIs related to products, users, categories, and payments were covered.

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1. Manual Testing

Tested Modules

- Sign Up
- Log In
- Log Out
- About Us
- Contact
- Categories
- Open Payment Form
- Close Payment Form
- Enter Payment Details
- Confirm Purchase
- Clear Cart After Purchase
- Payment Form Validation
- View Cart
- Add Product

- Remove Product
- Cart Total Calculation
- Update Product Quantity

Findings

All scenarios for each module were executed manually.

Total Bugs Found: 22

Coverage: All modules were tested manually (~100%)

Pass Rate: Approximately 85%

Quality: Acceptable; some minor issues require fixing before release.

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2. Automation Testing

Tested Modules / Flows

- About
- Add to Cart
- Checkout
- Footer
- Login
- Logout
- Remove Product
- Reset App State
- Sort Box

Full Site Flow: covers all modules in a complete user journey

Findings

Each module has automated test scenarios covering the full flow.

Pass / Fail Criteria:

Pass: Steps executed successfully without Exceptions or Assertion Failures.

Fail: Errors occurred or expected results were not met in any step.

Coverage: All key modules are automated (~100%)

Bugs Found: Issues identified during scenario execution.

Quality: Acceptable; automation covers all major site flows.

3. API Testing

Tested APIs

- **Users:** Get, Create, Update
- **Products:** All Products, Get by ID, Create, Update, Filter by Title, Filter by Price, Filter by Category
- **Categories:** Create, Delete, Get by Slug
- **Authentication:** JWT Login

Findings

Total Test Cases: Included all positive and negative scenarios for each API.

Total Bugs Found: 72

Coverage: All planned APIs were tested (~100%)

Pass Rate: ~59%

Quality: Acceptable; some critical bugs require immediate fixing, especially for input validation and constraints.

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4. Summary

- **Manual Testing Coverage:** 100%
- **Automation Testing Coverage:** 100%
- **API Testing Coverage:** 100%
- **Total Bugs:** 22 (Manual) + 72 (API) + minor issues in Automation
- **Overall Pass Rate:** ~70%
- **Quality Assessment:** Acceptable, with some critical points needing improvement before final release.

Recommendations:

Fix critical issues in API and manual flows.

Re-run automation flows after fixes to ensure full flow stability.

Review payment and cart calculation scenarios thoroughly.