

Jira Project Showcase: OpenCart QA Simulation

This document demonstrates how Jira was used to simulate a full QA workflow in an OpenCart-based e-commerce testing project. It includes sprint planning, backlog management, test case writing, test execution, bug tracking, and automation task management.

Backlog Overview

All created stories, test tasks, bugs, and automation tickets were organized into the backlog, grouped by epics such as Shopping Cart, API Testing, and User Authentication.

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Q Search

Projects / OpenCart Demo QA & Development Simulation

Backlog

Q Search

Version ▾Epic ▾Type ▾

Insights View settings

☐ ▾ Backlog (13 issues)

0 0 Create sprint

Create a whiteboard to plan your work TRY

OCQA-10 Add Product to Shopping Cart

SHOPPING CART & CH...

TO DO ▾

- CA

OCQA-11 Complete Checkout with Valid Payment

SHOPPING CART & CH...

TO DO ▾

- CA

OCQA-12 Validate Product API Response

API TESTING

TO DO ▾

- CA

OCQA-13 Ensure Secure User Authentication API

API TESTING

TO DO ▾

- CA

OCQA-24 Write Manual Test Cases for Adding to Cart

SHOPPING CART & CH...

TO DO ▾

- CA

OCQA-25 Execute Manual Add-to-Cart Tests

SHOPPING CART & CH...

TO DO ▾

- CA

OCQA-26 Automate Add-to-Cart Functionality with Selenium & Python

SHOPPING CART & CH...

TO DO ▾

- CA

OCQA-27 API Testing for Add-to-Cart Endpoint

SHOPPING CART & CH...

TO DO ▾

- CA

OCQA-28 Security & Edge Case Testing

SHOPPING CART & CH...

TO DO ▾

- CA

OCQA-29 Write API Test Cases for Product API

API TESTING

TO DO ▾

- CA

OCQA-30 Execute Manual API Tests with Postman

API TESTING

TO DO ▾

- CA

OCQA-31 Automate API Tests with Python (Requests + pytest)

API TESTING

TO DO ▾

- CA

Sprint Board View

This Kanban board shows stories and tasks grouped by their current status: To Do, In Progress, and Done. This was used to simulate real team workflow using Scrum.

Jira Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ Teams ▾ Plans ▾ Apps ▾ Create

OpenCart Demo QA & ...
Software project

PLANNING
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Projects / OpenCart Demo QA & Development Simulation

Product Search & Filtering

CA
+ CA
Epic ▾ Type ▾ Sprint 1 ▾ Clear filters

TO DO 3 OF 3	IN PROGRESS 9 OF 9	DONE 6 OF 23 ✓
Automate Search Functionality with Selenium & Python PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OCQA-21 CA	Search for a Product by Name PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OCQA-8 CA	API Testing for Search Endpoint PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OEQA-22 ✓ CA
Edge Case & Negative Testing PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OCQA-23 CA	Filter Products by Category and Price PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OCQA-9 CA	Write Gherkin feature files for test scenarios. PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OEQA-45 ✓ CA
Navigate to the Home Page PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OCQA-47 CA	Verify Search Field with a Valid Product PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OCQA-46 CA	Write Manual Test Cases for Product Search PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OEQA-19 ✓ CA
+ Create issue	Verify Product Filtering Using Top Navigation Category Menu PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OCQA-49 CA	Execute Manual Search Tests PRODUCT SEARCH & FILTERING <input checked="" type="checkbox"/> OEQA-20 ✓ CA
	Verify Products Suggestions When Typing Product Keyword in the Search Field	Test Execution for Test Plan OCQA-55 Product Search and Filtering Manual Tests Plan 11/03 PRODUCT SEARCH & FILTERING

User Story with Description and Acceptance Criteria

Example of a user story detailing a product search feature. Acceptance criteria and manual/automation testing tasks were defined clearly for development and QA purposes.

OCQA-2 / OCQA-8

Search for a Product by Name

+ Add

@ Apps

Description

As a customer, I want to search for a product by name so that I can quickly find the item I am looking for.

Acceptance Criteria:

1. The search bar is displayed on the homepage and product listing pages.

2. Users can enter a product name in the search bar.

3. When users click the search button or press Enter, the system displays relevant results.

4. If no matching products are found, a "No products found" message is shown.

5. The search functionality works across different device screen sizes.

Testing Tasks:

[Manual Test] Verify the search bar appears on expected pages.

[Manual Test] Test valid and invalid product searches.

[Automation] Automate search test with Selenium (verify product search results).

[Bug Reporting] Log any UI or functionality issues found during testing.

Confluence content

CA

Add a comment...

Looks good!

Need help?

This is blocked...

Can you clarify...?

TI

Pro tip: press M to comment

In Progress

Actions

Details

Assignee

CA Caio Aza

Labels

None

Parent

OCQA-2 Product Search & Filterin

Team

None

Sprint

Product Search & Filtering

Story point estimate

None

Fix versions

None

Development

Create branch

Create commit

Reporter

CA Caio Aza

Automation

Rule executions

Created 25 February 2025 at 20:18

Updated 11 March 2025 at 10:32

Configure

Bug Report with Test Case and Execution Linked

Bugs were logged with a full description, environment, steps to reproduce, and expected vs actual results. They were also linked with related test executions and user stories.

OCQA-2 / OCQA-58

+ Add

@ Apps

Description

Environment:

Platform: Windows 11

Browser: Chrome 133.0.6998.36

Device: Desktop

Tested On: Production

Screen Resolution: 1920x1080

Result:

No product suggestions are displayed while typing.

The user must manually press Enter to perform the search.

It happens every time with any valid product keyword

Linked issues

created by

OCQA-57

Test Execution for Test Plan OCQA-55 Product Search and Filtering Manual T...

CA

DONE

OCQA-51

Verify Products Suggestions When Typing Product Keyword in the Se...

CA

IN PROGRESS

CA

Add a comment...

Looks good!

Need help?

This is blocked...

Can you clarify...?

T! >

Pro tip: press M to comment

Done

Done

Actions

Details

Assignee

Labels

Parent

Team

Sprint

Story point estimate

Fix versions

Development

Reporter

Automation

CA

Caio Aza

None

OCQA-2 Product Search & Filterin

None

Product Search & Filtering

None

None

Create branch

Create commit

CA

Caio Aza

Rule executions

Created 11 March 2025 at 12:11

Updated 11 March 2025 at 14:11

Resolved 11 March 2025 at 14:11

Configure

QA Task Example

This task details a Selenium & Python automation effort for search functionality. It includes scope of work, assignment, and the associated user story.

OCQA-2 / OCQA-21

1

Automate Search Functionality with Selenium & Python

+ Add

@ Apps

Description

- Write an automated test script for searching by product name.
- Validate that correct products are displayed.
- Implement assertions to check **search result order** and **UI behavior**.

Activity

Show:

All

Comments

History

Work log

Newest first

CA

Add a comment...

Looks good!

Need help?

This is blocked...

Can you clarify...?

This i

Pro tip: press M to comment

To Do

⚡ Actions

Details

Assignee

CA

Caio Aza

Labels

None

Parent

OCQA-2 Product Search & Filter

Team

Team 1

Sprint

Product Search & Filtering

Story point estimate

None

Fix versions

None

Development

Create branch

Create commit

Reporter

CA

Caio Aza

Manual Test Execution Report

Jira's test management plugin was used to define test cases, link them to test plans, and execute them with status updates like Passed/Failed. Example shown here for a Product Search test plan.

Projects / OpenCart Demo QA & Development Simulation / Test Plans / OCQA-55 / Test Executions / OCQA-57

☰

Test Execution for Test Plan OCQA-55 Product Search and Filtering Manual Tests Plan 11/03

Add Tests

Edit

⋮

Fields

Description

None

Test Plans

OCQA-55 - 11/02 PRODUCT SEA...

Fix Version/s

None

Test Environments

None

Assignee

Caio Aza

Revision

None

3 PASSED

1 FAILED

TOTAL TESTS: 4

Search

Q

Only My Test Runs

Filters

Showing 4 of 4 issues

1

OCQA-53

Verify Search Field With an Invalid Product Name

PASSED

CA

2

OCQA-51

Verify Products Suggestions When Typing Product Keyword in the Search Field

FAILED

CA

3

OCQA-49

Verify Product Filtering Using Top Navigation Category Menu

PASSED

CA

4

OCQA-46

Verify Search Field with a Valid Product

PASSED

CA

+ Create Test

Test Case Issue Type for Login Flow

All manual test cases were documented step-by-step using the 'Test Case' issue type. This screenshot shows a test for login functionality with all defined steps and expected results.

OCQA-1 / OCQA-34

1

Action

Enter a valid email in the email field

Data

caioaza@gmail.com

Expected Result

The email is accepted

Attachments (0)

2

Action

Enter a valid password in the password field

Data

1234

Expected Result

The password is masked (hidden)

Attachments (0)

3

Action

Click on the "Login" button

Data

None

Expected Result

The system processes the request

Attachments (0)

4

Action

User is redirected to the dashboard/homepage

Data

None

Expected Result

The dashboard/homepage loads, confirming a successful login

Attachments (0)

5

Action

Verify that the user's name or account information is displayed

Data

None

Expected Result

The user sees their profile or greeting message

Attachments (0)

CA

Add a comment...

Looks good!

Need help?

This is blocked...

Can you clarify...?

T

Pro tip: press M to comment

Done

Done

Actions

Details

Assignee

Caio Aza

Labels

None

Parent

OCQA-1 User Authentication

Team

None

Story point estimate

None

Sprint

User Authentication

Development

Create branch

Create commit

Reporter

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Test Status

Open Test Status

Automation

Rule executions

Created 26 February 2025 at 21:58

Updated 11 March 2025 at 10:14

Resolved 11 March 2025 at 10:04

Configure