"Basics"

<u>FNA Test Plan</u>

Document Author:	Document Version:	Revised Date:	Approved By:
Sudipta Kumar Das	1.0	Sept 12st, 2025	TBA

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1. Introduction

The Test Plan has been created to facilitate communication within the team members. This document describes approaches and methodologies that will apply to do the various types of testing on the https://www.kabum.com.br/ part. It includes the objectives, scope, test responsibilities, entry and exit criteria, schedule major milestones, approaches, risk, and acronyms. This document has clearly identified what the test deliverables will be, and what is deemed in and out of scope.

Used Framework : React.js, VTEX (VTEX IO / Store Framework) (found out from https://builtwith.com/ ***)***

Website URL : *https://www.kabum.com.br/*

2. Test Items

> I.   Feature to be tested.

> **Global Navigation & Search**

> - Header nav presence; category mega-menu access; breadcrumb on listings/PDP.
> - Ability to search by product name and brands.
> - Results page renders with product cards.
> - Filters & facets (brand, price range, category, compatibility, color, usability, wireless communication, genre, storage, condition, connectivity, connection, cameras. Format, ram memory, operating system, length, reach, illumination, size, useful), sorting (order and display), pagination. Product count reflects active filters.

> **Category & Listing Pages**

> - Category landing (e.g., video card) loads with banner/SEO copy; sub-category navigation (NVIDIA/AMD).
> - Card details: name, image carousel/thumbnail, price, installment badge, PIX price badge when applicable.
> - "sold by" indicator (KaBuM! vs marketplace seller) when shown.

Product Detail Page

- Elements: title, image gallery zoom, specs/description tabs, seller info ("Sold and delivered by"), stock state(in stock or not).

- Shipping calculator via CEP (Check shipping) and delivery options visibility.

- Price block, installments, delivery options, quantity selector, add-to-cart.

- Links to warranty/returns/FAQ from PDP where present.

Cart & Promotions

- Add to cart from PDP/listing, increase/decrease qty, remove line, cart subtotal auto-updates.
- Access cart and totals calculation.
- Coupon field availability and validation (apply/remove); one-coupon rule enforced at checkout.

Account & Order Experience

- Login/Registration through email and password, basic validations, error states.
- Order list, status, detail page, tracking links (per FAQ guidance).
- Profile basics with addresses, password change, logout.

II. Feature not to be tested.

- Mobile App Friendliness
- Seller-side Marketplace onboarding/porta
- Gift Card purchase & redemption
- Seasonal campaign microsites beyond core funnel
- Third-party app confirmations (e.g., PIX, NUPAY, etc.)

3. Quality Objective:

The objective of this Test Plan is to ensure reliability, system assurance and optimum performance and capacity utilization. This test plan focuses on comparing the performance of application with respective to end user expectations with the current and new production environment. Basically, testing enhancement and update to the existing system.

4. Test Methodologies :

This project will be following agile methodology and work will be updated based on weekly iteration. The work is distributed on and will be followed according to requirement-based strategy specified in detail in this test plan. Each feature will be tested separately and along with each other after each phase and reports should be delivered according to the schedule. Test Cases should be created during exploratory testing. Testing methodologies (In scope/Out Scope) are given below:

 i. *Test Levels :*

In Scope:

- Functional Testing (a Black-box type testing geared to the functional requirements of this application)
- Integration Testing (to verify the combined functionality after integration)
- Performance Testing (check whether the system meets the performance requirements)
- Cross-browser Testing (check whether the system is supported in every browser)
- Security Testing (Payment) (to check how the software or application or website is secure from internal and external threats)
- UAT (For a tester's perspective)
- Regression Testing (Cart, Checkout Flow) (Repeated testing of same module)

Out of Scope:

- Database Testing.
- API Testing

ii. Test Strategy :

Test Cases Preparation & Execution:

- QA will be preparing test cases. This will cover all scenarios for requirements.
- Peer review will be conducted from time to time for test cases and test matrix by QA Lead.
- Respective Author of Test Case and Test Matrix will provide comment or suggestions on test cases and test coverage if needed.
- Author will re-work on the suggestions/improvements that has been given on Test Cases/Matrix and will send for approval. Re-worked improvements will be reviewed and approved by reviewer.
- Respective QA will execute Test Cases on test site based on designed scenarios, test cases and Test data.
- (Actual Result with Expected Result-> Pass/Fail) Test result will be updated in test case document.

Defect Logging and Reporting:

- QA will log the defect/bugs in prospective management tool. After this, QA will inform the respective developer about the defect/bugs that has been logged.

Retesting:

- Respective QA will Retesting for fixed bugs after it is resolved by respective developer. Bug/defect status will be updated accordingly. In certain cases, if its required then regression testing will be done.

Deployment/Delivery:

- Once all bugs/ defect that has been reported after complete testing are fixed, afterwards if no other bugs are found, report will be deployed to test site by PM.
- Once QA are done with the round of testing on test site and if it is required Report will be delivered along with sample output by email to the respective team member.
- QA will hand over the hard copy of delivery documents to the respective developer.

5. Roles & Responsibilities:

Role:	Contact Name & Information:	Responsibilities
Project Manager (PM)	X ja@food52.com	1. The primary contact for the development and QA team. 2. Participate in Test Scenarios. 3. Participate in Test Cases review. 4. Responsible for Project schedule and the overall success of the project 5. Verify sign Off on Requirements, Test Scenarios, Test Cases.
QA Lead	Y he@food52.com	1. Participation in the project plan creation/update process. 2. Planning and organization of test process for the release. 3. Coordinate with QA analysts/engineers on any issues/problems encountered during testing. 4. Report progress on work assignments to the PM 5. Monitor quality metrics and performance throughout each testing phase. 6. Monitor QA burn down rate and status.
QA	Sudipta Kumar Das sudiptakumar400@gmail.com	1. Understand the features requirements. 2. Writing and executing Test cases. 3. Preparing RTM 4. Reviewing Test cases, RTM(Requirement Traceability Metrics) with PM, QA Lead 5. Preparation of Test Data 6. Log in Defects and keep tracking. 7. Retesting and regression testing 8. Bug Review meeting 9. Provide and monitor Testing Schedule to team members. 10. Coordinate with QA Lead for any issues or problems encountered during test preparation/execution/defect handling.

6. Entry & Exit Criteria

    I.   Entry Criteria
- QA resources have completely understood the requirements.
- QA resources have sound knowledge of functionality.
- Test Scenarios & Cases Approved.
- All the necessary documentation, design, and requirements information should be available that will allow testers to operate the system and judge the correct behavior.
- Application Smoke Test Completed (If Applicable).

    II.   Exit Criteria
- Major issues from test cases execution Completed.
- A certain level of requirements coverage has been achieved.
- Outstanding(High) Severity 1 & 2 Defects Completed
- No high priority is left outstanding.
- UAT Test Evidence Collected
- Test Closure Memo completed and signed off.

7. Suspension Criteria & Resumption Requirement

Suspension Criteria:	Resumption Requirement
If the start of the testing is delayed due to design tasks, the test cannot be extended beyond the UAT scheduled start date.	Some buffer time(extra time in hand for unexpected situations) has been added to the schedule for contingencies, although not as much as best practice advise.
Server issues.	Server should be in check/renewed from time to time.
Significant number of high and critical issues still open at or near End-to-End testing phase.	Analysis of the open issues with other test groups, development, and product support to determine which issues can be deferred.
New feature/functionality added during the testing phase.	Extend the resting cycle or remove test requirements/ expectations.

8. Resources & Environment Needs.

i. Resources

Description	Tool
Need a Database server which install MySQL server Web server which install Apache Server	Server
Setup a LAN Gigabit and 1 internet line with the speed at least 5 Mb/s	Network
Windows 10, Ram 4GB, CPU 3.4GHZ	Computer

ii. Testing Tools

Process	Tool
Test Case creation	Microsoft Excel
Test Case Tracking	Microsoft Excel
Test Case Execution	Manual, Selenium
Test Case Management	Microsoft Excel
Defect Management	Jira
Test Reporting	Microsoft Excel & Jira

iii. Configuration Management: GitHub

iv. Test Environment:

Support level (browsers): Windows 10: Edge, Chrome (latest), Firefox (latest), Safari (latest)

Mac OS X: Chrome (latest), Firefox (latest), Safari (latest)

9.Test Schedule

Task Name	Start	Finish	Done BY	Estimated Time
Test Planning	15/09	03/01	Sudipta Kumar Das	3 hours
Review Requirements documents	15/09	15/09	Sudipta Kumar Das	30 minutes
Create test basis	16/09	29/09	Sudipta Kumar Das	30 minutes
Staff and train new test resources	__	___	Sudipta Kumar Das	30 minutes
First deploy to QA test environment	19/10	28/10	Sudipta Kumar Das	2 hours
Functional testing: Iteration 1	28/10	03/11	Sudipta Kumar Das	2 hours
Iteration 2 deploy to QA test environment	03/11	05/11	Sudipta Kumar Das	30 minutes
Functional testing – Iteration 2	05/11	10/15	Sudipta Kumar Das	30 minutes
System testing	11/11	12/11	Sudipta Kumar Das	2 hours
Regression testing	13/11	19/11	Sudipta Kumar Das	4 hours
UAT	20/11	21/11	Sudipta Kumar Das	2 hours
Resolution of final defects and final build testing	25/11	03/12	Zahid Sabur	3 hours
Deploy to Staging environment	03/12	05/12	**Future work**	
Performance testing	05/12	08/12	Sudipta Kumar Das	30 minutes
Release to Production	10/12	12/12	**Future work**	-------

10. Deliveries

Test deliverables are provided as below :

Before testing phase

- Test plans document.
- Test cases documents
- Test Design specifications.

During the testing

- Test Tool Simulators.

- Test Data

- Test Trace-ability Matrix - Error logs and execution logs.

After the testing cycles is over

- Test Results/reports
- Defect Report
- Installation/ Test procedures guidelines
- Release notes

11. Risk & Assumptions

Risk :

1. Payment method may fail when internet fluctuates
2. in old / no-updated browser , system may fail to load when javascript if disabled

Assumptions :

1. For some optimization of resources , test plan may fail
2. Skill level of resources
3. Availability of test tools/resources
4. Delays in training on the application and/or tools.

12. Terms/Acronyms

Term/Acronyms	Definition
API	Application Programming Interface
PM	Product Manager
QA	Quality Assurance
RTM	Requirements Traceability Matrix
UAT	User Acceptance Testing

13. Approvals

Approved By	Approval Tittle	Date	Attachment
1. X	Product Manager	12 - Sept - 2025	None
2. Y	QA Lead	13 - Sept - 2025	None