

STR

Software Test Results



product: JPet Store

version: Demo Version
2 Cycles, 2 versions

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Introduction

This document describes the process of planning and performing tests in the version JPet Store product demo.

The main goal is to bring about a comprehensive and in-depth understanding of the quality of the system and its readiness to operate in a productive environment.

Now we will briefly present the main objectives of this document:

Objectives of the document:

Focus on quality:

Understanding the overall quality of the system and the ability to provide reliable and sound solutions to the end users.

Readiness for action:

close up to the concept 'Readiness for action' in the sense of being able to copy and act in terms and scenarios differently.

Comparison with the original design:

Comparing the test results to the original design order Recognize Updates, improvements and changes from the initial design.

Providing data for a learning process of insights:

Providing essential data for the process of learning insights and improving the process in subsequent versions

The document will include an overview of the testing process, objectives at each level of testing and focus in the recommendations and the derived conclusions from a process the test

In addition, a comprehensive summary will be presented, gathering data collected during the testing process and comparing them to the original plan.

Through this document, our goal is to create a thorough and comprehensive picture of the quality of the system and activate the continuous improvement process.

Relevant documents

Below is a list of relevant documents for the preparation of this document:

- STP document
- STD document
- Test run summary reports (2 rounds)
- Bug report
- Qase.io

Executive Summary - JPetStore Tests

The purpose of the tests:

- evaluate the quality of the system and its readiness to operate in a productive environment.
- Identify faults and defects.
- Compare the test results to the original design.
- Collect data for the process of learning insights and improving the process in the following versions.

main findings:

- **first round:**
 - 311 tests, 67% success.
 - 75 faults, 8 of which are critical.
- **second round:**
 - 311 tests, 72% success.
 - 14 regression errors, 1 of them critical.
 - 54 previous faults have not been fixed yet.

Assessment of system readiness:

- Does not meet release criteria.

5.2 Exit Criterion

◀ 100% test scripts run

◀ 80% tests passed successfully

◀ 0 critical bugs

◀ Low severity bugs only

- More fixes are required before official release.
- Close monitoring of fault correction is necessary.

Testing activities:

- Difference functionally.
- Writing requirements and tests in Qase.
- Running and reporting faults.
- Preparation of STR document.
- Preparation of presentation.

Content of the version:

- Functional tests (311 tests).
- Validation and regression tests (311 tests).

Recommendations:

- Immediately deal with critical and high faults.
- Fix the rest of the bugs before releasing the next version.
- Track troubleshooting and status reporting.
- Improve the management of test schedules.

Summary:

The tests revealed several faults, some of them critical, which indicate that the system is not yet ready for deployment in a productive environment. These faults should be dealt with as soon as possible and the progress of the repairs should be monitored.

Testing activities - planning versus execution

Below is a breakdown of the testing activities done in this version, and their comparison to the original design (as that was recorded in the STP document).

The testing activities are divided into several topics:

Timetables for test levels

	planning		Execution of		Nitzan notes
hazel	Start Date	end date	Start Date	end date	
STP document	08.01.2024	12.01.2024	09.01.2024	13.01.2024	
Difference functionally	12.01.2024	22.01.2024	14.01.2024	18.01.2024	
Writing requirements and tests in Qase	22.01.2024	29.01.2024	18.01.2024	01.02.2024	
Running and reporting faults	29.01.2024	26.02.2024	01.02.2024	20.02.2024	
STR document	26.02.2024	07.03.2024	26.02.2024	06.03.2024	
Preparing the presentation	07.03.2024	11.03.2024			

The content of the version

test type	planning	Execution of	Cause
Functionality	311 tests	311 tests	
Validation and regression	311 tests	311 tests	Second round of tests

Summary of test results

Below is a summary of the results of the tests performed for this version:

BANANA repository 311 cases (311) | 81 suites (81)

+ Suite

+ Case

Search

Add filter

≡ Suites

⌵

⌶

▶ 4.3 Registration screen	114 ...
▶ 4.7 Animal screen	29 ...
▶ 4.4 Site login screen	16 ...
▶ 4.11 Order Details Summary Screen	48 ...
▶ 4.8 shopping basket	53 ...
▶ 4.12 Order confirmation Screen	51 ...

Test runs

Start new test run

Search for test runs











Add filter

TITLE	AUTHOR	ENVIRONMENT	TIME	STATUS
<div>✓ 4.4 Site login screen</div> <div>Started 3 weeks ago</div>	<div>Elina Ein Eli</div>		<div>🕒 2h 11m</div>	<div><div></div><div>10</div><div>5</div><div>...</div></div>
<div>✓ Test run 2024/02/01</div> <div>Started 3 weeks ago</div>	<div>Benny Feiqin</div>		<div>🕒 1h 38m</div>	<div><div></div><div>17</div><div>8</div><div>...</div></div>
<div>✓ Test run 2024/02/01</div> <div>Started 3 weeks ago</div>	<div>Benny Feiqin</div>		<div>🕒 55m 28s</div>	<div><div></div><div>15</div><div>11</div><div>...</div></div>

Test runs

[Start new test run](#)

[Add filter](#)

TITLE	AUTHOR	ENVIRONMENT	TIME	STATUS
<div>✓ 4.8 shopping basket - regression</div> <div>Started 1 week ago</div>	<div> Elina Ein Eli</div>		<div>🕒 4d 5h</div>	<div><div><div>50</div><div>2</div></div>***</div>
<div>✓ 4.4 Site login screen - regression</div> <div>Started 1 week ago</div>	<div> Elina Ein Eli</div>		<div>🕒 1d 4h</div>	<div><div><div>11</div><div>4</div></div>***</div>
<div>✓ Test run 2024/02/11 (regression)</div> <div>Started 1 week ago</div>	<div> נתן קורן</div>		<div>🕒 22m 14s</div>	<div><div><div>35</div><div>16</div></div>***</div>
<div>✓ Test run 2024/02/11 (regression)</div> <div>Started 1 week ago</div>	<div> נתן קורן</div>		<div>🕒 34m 43s</div>	<div><div><div>28</div><div>20</div></div>***</div>
<div>✓ Test run 2024/02/08</div> <div>Started 2 weeks ago</div>	<div> Benny Feiqin</div>		<div>🕒 3d 21h</div>	<div><div><div>75</div><div>39</div></div>***</div>
<div>✓ Test run 2024/02/06</div> <div>Started 2 weeks ago</div>	<div> Benny Feiqin</div>		<div>🕒 35m 3s</div>	<div><div><div>24</div><div>2</div><div>3</div></div>***</div>
<div>✓ Test run 2024/02/04</div> <div>Started 2 weeks ago</div>	<div> נתן קורן</div>		<div>🕒 34m 5s</div>	<div><div><div>36</div><div>15</div></div>***</div>
<div>✓ Test run 2024/02/04</div> <div>Started 2 weeks ago</div>	<div> Benny Feiqin</div>		<div>🕒 2h 4m</div>	<div><div><div>52</div><div>40</div></div>***</div>
<div>✓ Test run 2024/02/04</div> <div>Started 2 weeks ago</div>	<div> נתן קורן</div>		<div>🕒 21m 15s</div>	<div><div><div>29</div><div>19</div></div>***</div>
<div>✓ 4.8 shopping basket</div> <div>Started 3 weeks ago</div>	<div> Elina Ein Eli</div>		<div>🕒 19m 10s</div>	<div><div><div>49</div><div>3</div></div>***</div>

Known faults

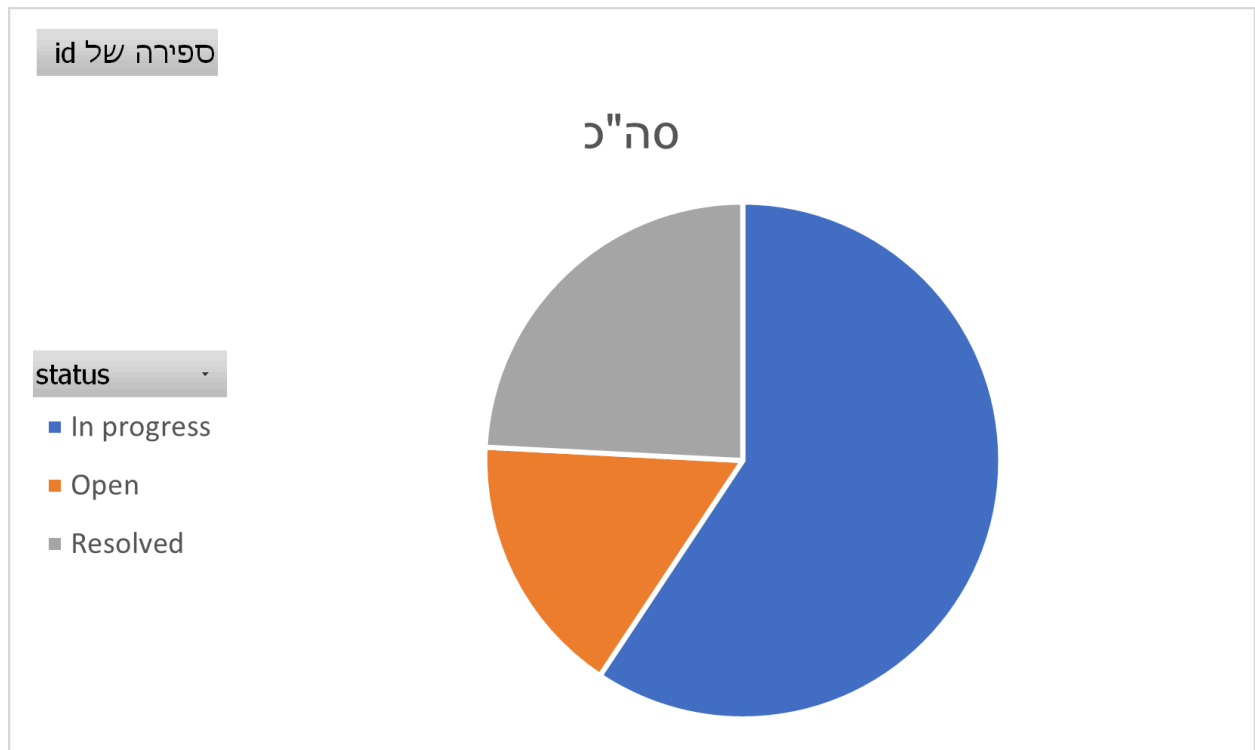
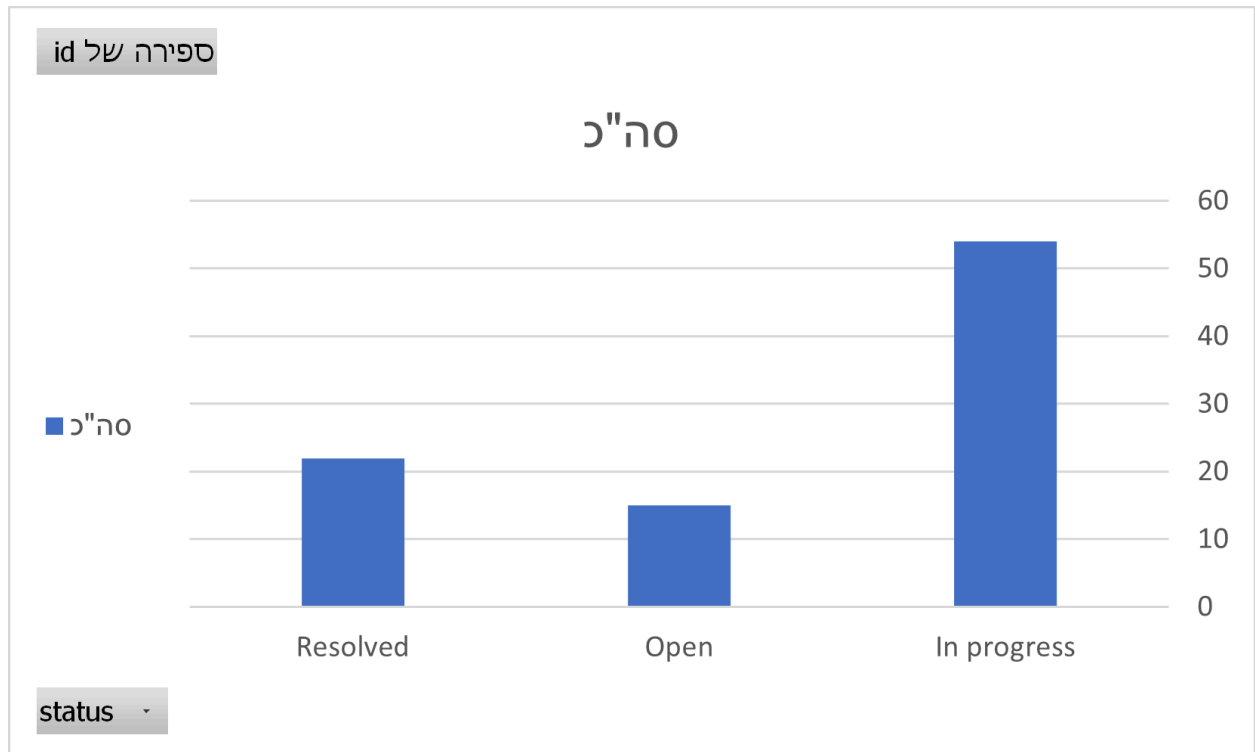
Below is a summary of the fault that were discovered in **version the first**, according to the status of the fault and its degree of severity:

Fault status	critical	High	Regular	low	minor	Total
Total bugs	8	43	14	4	6	75
Total bugs closed	3	14	3	1	1	22
Total bugs that remain open	5	29	11	3	5	53

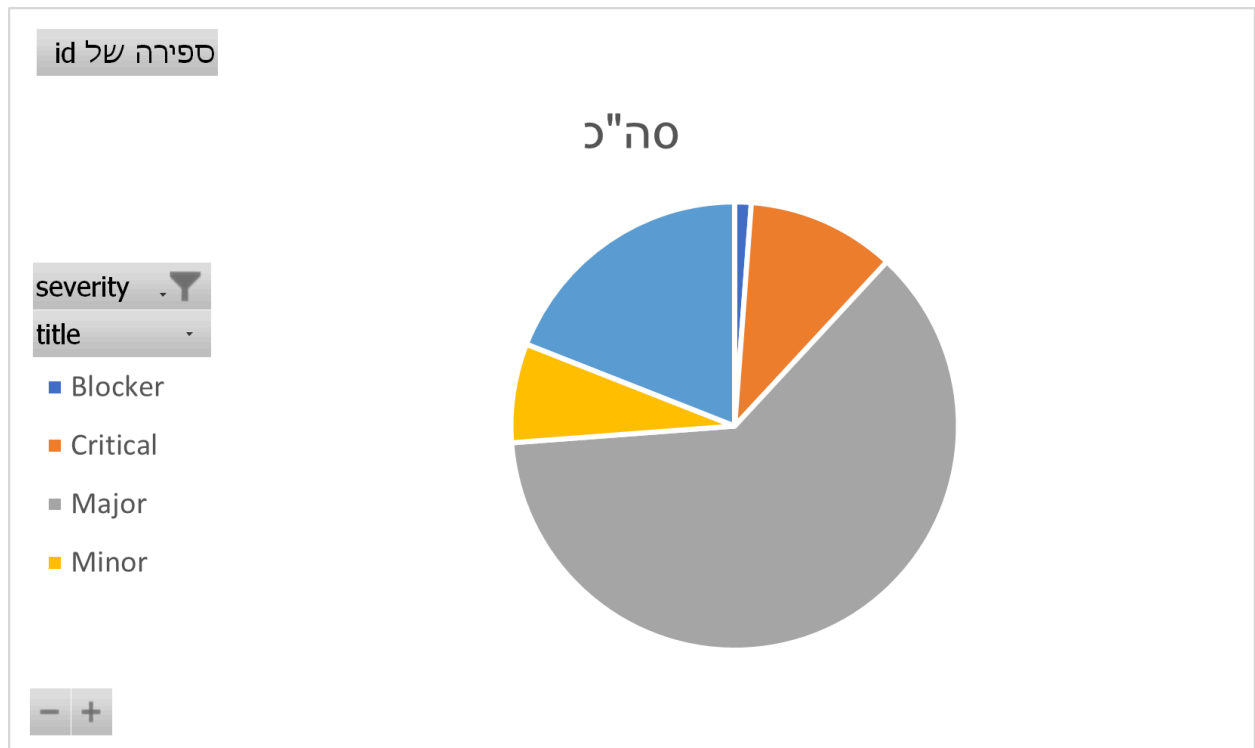
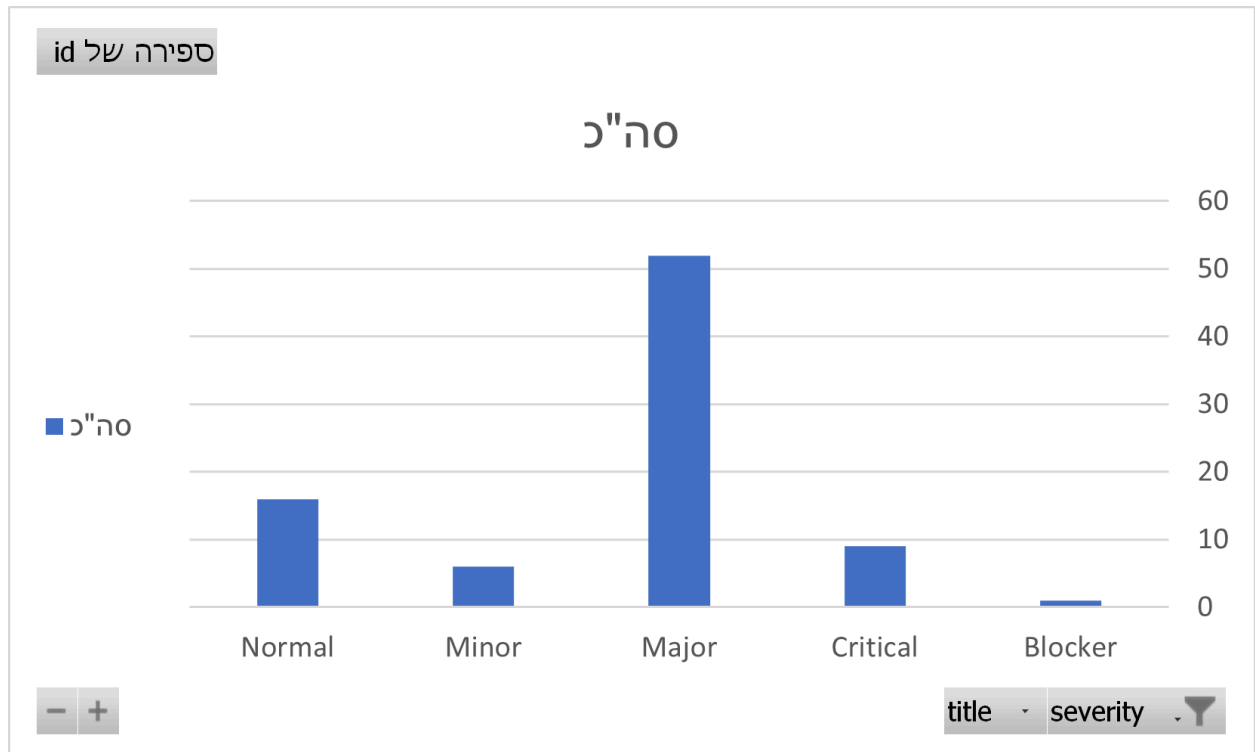
Below is a summary of the faults that were discovered in **the second version**, according to the status of the fault and its degree of severity:

Fault status	critical	High	Regular	low	minor	Total
Total bugs	1	8	2	3	0	14
Total bugs closed						N/A
Total bugs that remain open	6	38	13	4	7	68

Defects by Status



Defects by Severity



System quality assessment

Below is the evaluation of the quality of the system at the end of the tests. The quality assessment is based on the results of the tests and the open faults for each requirement in this version:

Reason/ Comments/Risks	Quality assessment: Approved / Partially Passed / Not Approved / Not Tested	Requirement Name / area of my coordinator	#
59 tests passed 55 tests failed	Partially passed	First round - registration screen	1
25 tests passed 4 tests failed	Partially passed	First round - live screen	2
75 tests passed 39 tests failed	Partially passed	Second round - registration screen	3
24 tests passed 5 tests failed	Partially passed	Second round - live screen	4
29 tests passed 19 tests failed	Partially passed	First round - order details summary screen	5
36 tests passed 15 tests failed	Partially passed	First round - order confirmation screen	6
28 tests passed 20 test failed	Partially passed	Second round - order details summary screen	7
35 tests passed 16 tests failed	Partially passed	Second round - order confirmation screen	8
10 tests passed 5 tests failed	Partially passed	First round - website login screen	9
49 tests passed 3 tests failed	Partially passed	First round - Shopping basket screen	10

Reason/ Comments/Risks	Quality assessment: Approved / Partially Passed / Not Approved / Not Tested	Requirement Name / area ofmy coordinator	#
11 tests passed 4 tests failed	Partially passed	Second round - website login screen	11
50 tests passed 2 tests failed	Partially passed	Second round - the shopping basket screen	12

document summary

This document describes the process of planning and performing tests in the version JPet Store product demo.

The document includes:

- introduction.
- The objectives of the document.
- Relevant documents.
- executive summary.
- Testing activities - planning versus execution.
- The content of the version.
- Recommendations.
- Summary.

The document is intended to provide a comprehensive picture of the testing process and its findings, and assist in making decisions regarding the further development and deployment of the system.

In conclusion, the tests indicated several faults and deficiencies that require Treatment before releasing the system for production.