

## eBuy v2.0

### System Test Report– STR



## Revision Information

Ver.	Date	Author	Description	Approved by	Approval date
2.0	Sep 10, 2020	Gal Sened Lior Dabush Shelly Schechter	Corrections	Gal Sened	Sep 10, 2020
1.0	Sep 9, 2020	Shelly Schechter	Initial Draft	Lior Dabush	Sep 9, 2020

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# 1 Introduction

## 1.1 Purpose and Scope

This document reports the testing activities applied for eBuy v2.0.

The report summarized test results for system test, presents the quality of the system (including known limitations), towards the delivery of the system to the customer.

The intended audience is development managers, project managers, product managers and QA personnel.

### 1.1.1. Timing

This report is issued upon completion of the eBuy v2.0 System Test, which was comprised of 3 testing cycles. The system is due to be delivered to the customer for acceptance testing.

### 1.1.2. Responsibilities

The Testing Manager will compile this report after collecting system test information, and receiving component and integration test inputs from the Development Manager and environment input from the Infra Manager. Project Manager will approve the report.

## 1.2 Terms and Phrases

Term	Definition
eBuy	Electronic Buy
E2E	End-to-End
HLR	High Level Requirements
HR	Human Resources
QA	Quality Assurance
SRS	SW Requirements Specification
STP	System Test Plan
STRR	System Test Readiness Review
SUT	System Under Test
SW	Software
TC	Test Case

## 1.3 Referenced documents

- [1] eBuy global purchasing via the web program HLR v.3 from November 6, 2019.  
Author: Yossi Avni. Approved by Alon Linetzk.
- [2] eBuy global purchasing via the web program SRS v.3 from October 28, 2019.  
Author: Yossi Avni. Approved by Alon Linetzk.
- [3] eBuy v2.0 STP v.1.0 from July 7, 2020.  
Authors: Gal Sened, Lior Dabush, Shelly Schechter.  
Approved by Shelly Schechter.

## 2 System Evaluation

### 2.1 Summary of Execution Results

86% execution rate achieved for a total of System Test 66 TCs, additionally 17 confirmation tests were executed, with total pass rate of 89%.

Exit criteria achieved for the execution rate (expected 80%, actual 86%)

### 2.2 Defects

In Total for system level, 41 Defects were detected (1 Critical, 14 High, 18 Normal and 8 Low),

Out of which 10 (24%) are still open (5 High, 4 Normal, 1 Low).

Exit criteria: 1 critical issue detected and fixed.

### 2.3 Conclusions

All functional areas of the system were tested except employee area (per client request).

Considering the exit criteria, the eBuy v2.0 not ready to be release:

- Execution criteria achieved as planned.
- Defect criteria:
  - High level issues: expected 2-3, actual 5. Target not achieved.
  - Medium level issues: expected 5-8, actual 4. Target achieved.
  - Low level issues: expected 10-15, actual 1. Target achieved.

The testing team's recommendation is that the system is **not** ready for customer.

## 3 Summary of Activities

### 3.1 General

“Practitest” test manager system used for test design and test execution tracking. Weekly status meetings used the system reports as a basis for analyzing the testing status.

### 3.2 Time Table

	Planned		Actual	
<i>Test Level</i>	<i>Start Date</i>	<i>End Date</i>	<i>Start Date</i>	<i>End Date</i>
Unit Test	Jul 12, 2020	Jul 15,2020	NA	NA
Integration Test	Jul 30, 2020	Aug 2,2020	NA	NA
System Test	Aug 16, 2020	Aug 19, 2020	Aug 10, 2020	Aug 25, 2020

### 3.3 Testing Scope - Variance from Plan

### 3.4 Test Environments

All work environments were allocated according to the plan except Netscape and Firefox browsers.

### 3.5 Test Design

Done according to plan.

### 3.6 E2E Scenarios (Suites) and Test Cases

Total of 15 scenarios were tested.

2 scenarios not completed

### 3.7 Test Data

Live data from the client could not be obtained– all data that was used was synthetic.

### 3.8 Automation Effort

Done according to plan - No automation was used.

### 3.9 Roles & Responsibilities

In the beginning of the project, the Dev. Team leader was moved to another project. This replacement did not affect the project.

## 4 Functional Evaluation

Feature evaluation legend:

- P: Passed - Tests planned for these features passed successfully (Possibly minor defects)
- F: Failed
- N: Not Covered - Not tested in the current version testing period
- I: Testing in process

Feature	Evaluation	Recommendations
Administration Data Management	N	
Administrator User Management	N	
BOGO	F	2 issues in deferred, all issues should be fixed in the following year from the release.
Charge Confirmation Details	F	1 bug in deferred. Low severity. Can be treated as passed

Club Registration Screen	P	
Credit Card Payment	F	1 open issue related to the CC expiration date. Need to be fixed before release.
Ebook Purchasing	P	
Hard Copy Purchasing	F	1 issue in deferred. Related to BOGO purchasing (should be fixed in the following year from the release)
Load	P	
Performance	F	2 issues in deferred. Mild impact for the use in the system.
Portability	F	Relevant for using Chrome. V2.0 of eBuy should work only on IE. As for now, can be ignored.
Purchase Shopping Cart	P	
Purchasing Shipment Options	P	
Query For Products	P	
SCO	P	
Security	F	1 open issue. Need to be fixed before release.
Shipment Address Details	P	
Shipment Email	P	
Validation System: Address	P	
Validation System: Credit Card Charge	P	
Validation System: Product Providers	N	
Welcome Casual Customer Login	P	
Welcome Club Member Login	P	
Welcome Employees Login	N	
Welcome Registration Reference	P	



Welcome Select Language	F	eBuy V2.0 will work only in English. As for now, can be ignored.
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## 5 Summary of results

### 5.1 System Test Dashboard

Build #	Passed	Failed	Not completed	N/A	Not run
Build 1 Internet Explorer	25	19	2	0	0
Build 1 Chrome	7	10	0	5	1
Build 2 Internet Explorer	27	11	0	1	7
Build 3 Internet Explorer	32	13	0	1	0

### 5.2 Integration Test Result

Not relevant.

### 5.3 Unit Test Result

Not relevant.

## 6 Defects

### 6.1 Major Open Defects (High and Critical)

Defect #	Status	Reported on Date	Detected in Phase	Severity	Summary
8	assigned	10-Aug-2020	Build 3	High	When choosing CC type: AMEX 3434567891123456 as CC number we expected it will not be approved but the CC number was approved
32	assigned	18-Aug-2020	Build 3	High	At the DB "Transactions" table the expiration date was the beginning of each month instead of the end of each month
44	assigned	18-Aug-2020	Build 3	High	When typing wrong CC details and trying to continue there is a server error message and there is need to clean the history.
45	assigned	20-Aug-2020	Build 3	High	After insert all the requested details the "continue to purchase" button remain disable.
48	assigned	23-Aug-2020	Build 3	High	After insert part of the details, continue to purchase confirmation and there is no error message

Total no. of open Major defects: 5

### 6.2 Total number of Defects

Build #	Most important	High	Normal	Low	Total of bugs for build
Build 1	0	3	14	8	25
Build 2	1	7	2	1	11
Build 3	0	5	7	1	13