OpenBazaar Redevelopment Test Plan

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October 20, 2015

Abstract

This document outlines the test plan for the Openbazaar redevelopment project.

Contents

Revision History

Revision Number	Revision Date	Description of Change	Author
1	October 20th, 2015	Created Test Plan Document	Daniel Mandel

Table 1: Table to capture the history of the document

Test Plan Identifier

Version 0.

References

IEEE Test Plan outline is used.

Introduction

This is the entire test plan for the OpenBazaar's desktop application. It will include only the most relevent portions of the project that are related to the process of completeing a transaction over the network. The main intention of this plan is to simulate a user interacting with the system in real time in order to ensure the applications robustness and reliability.

Test Items

The following is a list of the most significant portions of the application to be tested:

1. Viewing a markets items.

2. Purchasing items using a Ricardian Contract.

3. Rating a marketplace.

Software Risk Issues

With an online decentralized marketplace there comes significant software risks that are out of the developers control. Some of these risks may include the following:

- The selling of illegal goods or services.

- IP spoofing and false identification/location of a user, marketplace or notary.

- The price of a bitcoin.

Features to be Tested

This following is a list of functionality areas to be focused on:

- The buyers side, ability to view markets and market items correctly from market to market.

- The sellers side, ability to post items for sale with the correct product details.

- The notary side, ability to offer notary services.

Features not to be Tested

The following areas will not be focused on during the testing of the application:

- The appearence or general look and feel of the application.

- The network or ability to search for peers on the network.

Approach

This is the approach part.

Item Pass/Fail Criteria

This is the pass fail criteria.

Suspension Requirements and Resumption Requirements

This is the resumption/suspension requirements.

Test Deliverables

- Test Plan Revision 0

- Test Report Revision 0

- Test Plan Revision 1

- Test Report Revision 1

Remaining Test Tasks

This is the remaining test task section.

Environmental Needs

The following are needed in order to support the testing:

- PyUnit Framework

- Python IDE such as PyCharm

- A desktop computer with OS X or Linux installed with the bash terminal.

Schedule

Approvals

This is the approvals section.

Summary

OpenBazaar will exist only if the three main users have the ability to do what they need. Buyers need to have the ability to post items for sale and the information that goes along with it. Sellers need to be able to view all of the items in a particular marketplace as well as each one individually. Notaries must be able to provide there services to both parties to ensure a fair transaction always occurs over the OpenBazaar. This test plan provides a framework for how the functionality will be tested for each significant role in the OpenBazaar.