

Project Report

Software Quality Engineering

OLX.com



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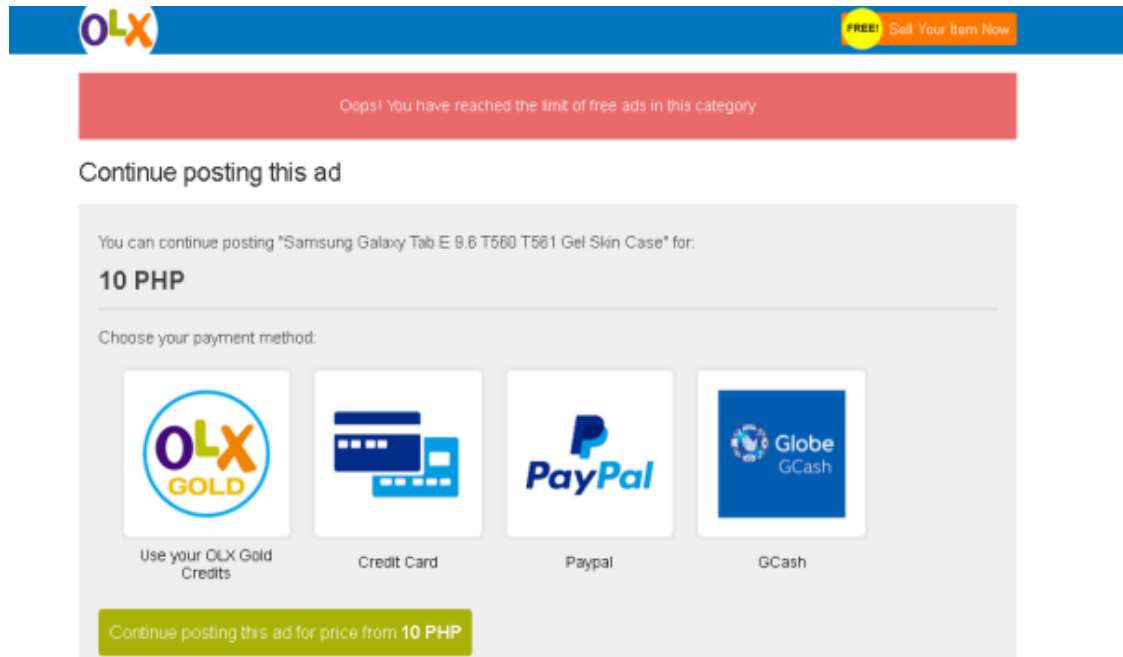
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Proposal

Project Title

OLX.com



Project Abstract

OLX is the leading classifieds website for users. Since its launch in 2005 by J.C. Butler and Sim Whatley, it has become the top on the list platform for users to buy, sell, or find anything in their community. It is totally free for its users to use it, but this platform will show various advertisements to its user to manage their costs and earnings.

We will work on OLX.com. We will measure various quality parameters of this platform using various software quality attributes. We will check whether the platform meets the needs of its client/user, and how reliable the platform is for its users.

We will test some of the below features of this platform.

Proposal

Main Features

Sr. No.	Name	Features
1	Hamza Aslam	Search (Location and Property)
		Chat (seller and buyer)
2		User Profile
		Sell (Services and Products)
3		Motors (sell and purchase)
		Property (sell and purchase)
4		View ads (information, Wish list, Location, View Seller profile)
		Bought Packages and Billing
5		Filter Search (Product Range, Price, Category)
		Ad Operation (CRUD).

Test Cases

Submitted in Excel Sheet [Test Cases, via Email]

Test Plan

Project Introduction

OLX is the leading classifieds website for users. Since its launch in 2005 by J.C. Butler and Sim Whatley, it has become the top on the list platform for users to buy, sell, or find anything in their community. It is totally free for its users to use it, but this platform will show various advertisements to its user to manage their costs and earnings.

Test Plan Identifier

Tp_olx_1

Test plan Introduction

This is the test plan document for OLX. This document will define the project details and schedule of intended testing activities for us. Moreover, this document will be a guide throughout the testing phase as it contains contingency strategies for risks that may arise during testing. It also contains test deliverables, division of work (responsibilities) between the group members.

Features to be tested

- Motors
- Property
- Search (Location & Products)
- Chat (Seller and Buyer)
- User Profile
- Sell (Services and Products)
- Filter search (Product Range, Price, Category)

Test Plan

- Ad Operation (CRUD)
- View Ad (Ad Information, Share, Wish list, Location, View Seller's Profile)
- Bought Packages & Billing

Features to be not tested

- All Categories (Mobiles for Sale etc.)
- Settings
- Login (Google, Facebook, Email, Phone Number)
- Ad Reach Audience (Organic, Featured)

Entry criteria

- Software should be available 24/7 on the server and can be accessible on any browser by anyone.
- Stable Internet connection is required.

Exit criteria

- All test cases (TCs) should performed successfully.
- No major or critical bugs left.

Test Plan

Test deliverable

- Test Cases
- Test Scenarios
- Test Plan
- Requirement Traceability Matrix
- Test Report

Risk mitigation and contingency strategies.

- We will test our product with different browsers Chrome, Firefox, Opera Mini.
- We will also use multiple network provider services. 3G, 4G, PTCL WIFI, NAYATEL.

References to other documents

- Project proposal
- Feature list
- Test Scenarios
- Test Cases

Test Strategy

Software risk issue

1. Software risk

If any browser stops working due to any bug or any issue, then we will use another web browser for testing.

2. Hardware Risk

If a device stops working due to damage in any part of the hardware or electricity issue, then we will use laptop for testing

3. Network Issue

If a network provider stops working due to any issue it may be cable or weather issue, then we will use another choose service of another network provider

4. Human risk

Testing would be delayed if a teammate is not available.

5. Technical Dependencies

We cannot test each and every feature.

Suspension criteria

Some features of testing could be stop due to login fail. It will the suspension criteria for the testing. If the server goes down or internet discontinuity should be a reason of suspension criteria for the testing.

Resumption criteria

When all of the above issues will be fixed. It will the resumption criteria

Objective of testing

We will work on [OLX.com](https://olx.com). We will measure various quality parameters of this platform using various software quality attributes. We will check whether the platform meets the needs of its client/user, and how reliable the platform is for its users.

Requirements for testing

- Motors
- Property
- Search (Location & Products)
- Chat (Seller and Buyer)
- User Profile
- Sell (Services and Products)
- Filter search (Product Range, Price, Category)

Test Strategy

- Ad Operation (CRUD)
- View Ad (Ad Information, Share, Wish list, Location, View Seller's Profile)
- Bought Packages & Billing

Approach for testing e.g. Requirement base

Project based testing

What are the types of testing?

Manual testing

Automation testing

What test reports will be provided?

Test report

Final project report

Deliverable

- Test Cases
- Test Scenarios
- Test Plan
- Requirement Traceability Matrix
- Test Report

Test Constraints

User should use a web browser and should have a good internet connection for testing, and should be login to the system.

Test Risk

1. Software risk

If any browser stops working due to any bug or any issue, then we will use another web browser for testing.

2. Hardware Risk

If a device stops working due to damage in any part of the hardware or electricity issue, then we will use laptop for testing

3. Network Issue

If a network provider stops working due to any issue it may be cable or weather issue, then we will use another choose service of another network provider

4. Human risk

Testing would be delayed if a teammate is not available.

5. Technical Dependencies

We cannot test each and every feature.

Introduction

The main purpose of the Test Summary Report is to display the statistical data of the test cases that were executed. It will verify that either the features meet the requirements of the user or not.

Overview

OLX is the leading classifieds website for users. Since its launch in 2005 by J.C. Butler and Sim Whatley, it has become the top on the list platform for users to buy, sell, or find anything in their community. It is totally free for its users to use it, but this platform will show various advertisements to its user to manage their costs and earnings. We have worked on OLX.com and measured various quality parameters of this platform using various software quality attributes. We have checked whether the platform meets the needs of its client/user, and how reliable the platform is for its users. We have used black box testing approach to test this software.

Scope

Motors, Property, Search, Chat, User Profile, Sell, Filter Search, Ad Operation, View Ad, Bought Packages & Billing.

Out of Scope

All other features those are not in the scope. Like, All Categories, Settings, Ad Reach Audience ... etc.

Test Types

Manual testing

Defect Summary

There is no proper search location of ads irrelevant Suggestions are still visible to user when the user search the location of ads, There is no any error or message when user enter wrong location name. When a user leave customer's state as empty user should not move to the next field. When user leave customer's city name as empty user should not be moved to the next field.

Exit Criteria

All the defects, possible bugs and errors should be verified and closed

Test Summary Report

Coverage of Testing

We have tested most of the features of olx.com by both negative and positive test cases to check that OLX meets the requirements of the user and try our best to make our software bug free.

Test Metrix

Test Cases Planned	Test Cases Executed	Test Cases Passed	Test Cases Failed
178	178	174	4

Conclusion

This software overall is a good software. It meets major requirements of the users. The software is somehow reliable and easy to use and it also runs on the majority of browsers. All major features of the software are tested and they are working properly and the software is consist of 4 bugs so hence the conclusion is that the good software has been built. But it can be improve for better user experience.

Failed Test Cases

TC-24	Leave customer's State as empty	Same as above. Leave Customer's State as empty	No Error Message Move to the next field.	User Should not be move to the next field.	Fail
TC-26	Leave Customer's city name as empty	Same as above. Leave City name field as empty	No Error Message Move to the next field.	User Should not be move to the next field.	Fail

Test Summary Report

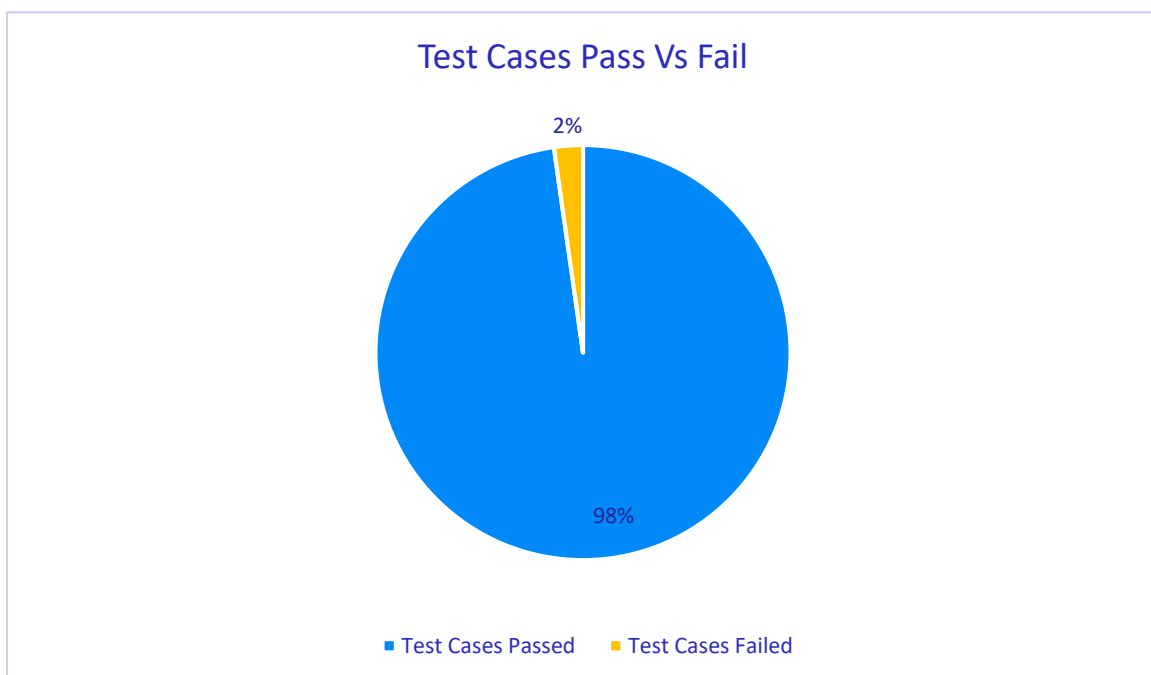
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Failed Test Cases

TC-47	Search location of the ads	1-Load the site. 2-Click on dropdown icon of location textbox. 3-Enter location name "Sri Lanka".	An error message should be displayed.	Irrelevant Suggestions are still visible to user.	Fail	There is no any proper way to Handle this error.
TC-48	Search location of the ads	1-Load the site. 2-Click on dropdown icon of location textbox. 3-Enter location name ".....".	An error message should be displayed.	No Response from site	Fail	There is no any proper way to Handle this error.

Graphical Representation

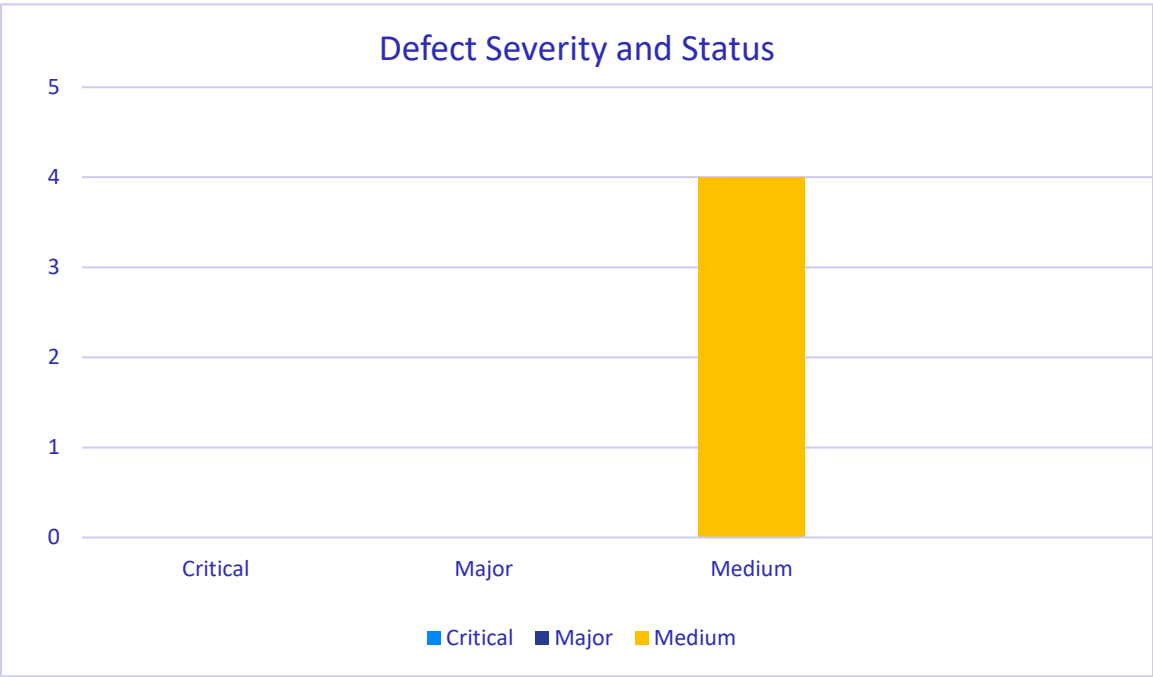
Test Cases Planned	Test Cases Executed	Test Cases Passed	Test Cases Failed
178	178	174	4



Test Summary Report

Number of defects identified and their status and severity

	Critical	Major	Medium	Total
Closed	0	0	0	0
Open	0	0	4	4



Defects Distribution Module wise

	View Ads, Bought Packages	Motors, Property	Filter, Ad Operation	User Profile, Sell	Chat, Search	Total
Medium	2	0	0	0	2	4
Major	0	0	0	0	0	0
Critical	0	0	0	0	0	0
Total	2	0	0	0	2	4

