**Title**

**Description**

**Test Report**

: Test Completion Report – EBay Product Purchase

: The purpose of this document is to detail the Testing activities carried out for

Product Purchase module in EBay application.

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: Vijay Kumar

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Document Version Control

|  |  |  |  |  |
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|  |  |  |  | were done |
|  |  |  |  |  |



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Purpose

The purpose of this document is to detail the Testing activities carried out for release of Product Purchasing in the EBay application.

Testing Scope

In Scope

Functional Testing - following modules were covered:

o Login Module.

o Search Module.

o Product accessibility.

o Buy It Now Feature.

o Add To Cart Feature.

o Checkout Feature.

o Payment Feature.

o Product Tracking.

Out of Scope

Database validations Performance testing

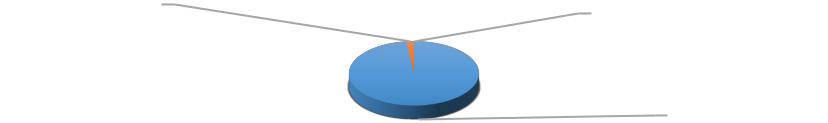
Test Cases and Test Results

Test cases were identified for all the functional areas in scope and developed. These were then used for verification as the features were completed.

Test Case Status

Below is the status of test case execution with the count of total test cases against the test cases that passed and failed.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Test case Status | |  |  |  | Count |  |  |
|  |  | Pass |  |  |  | 30 | |  |  |
|  |  | Fail |  |  |  | 2 | |  |  |
|  |  | Not Completed | |  |  | 0 | |  |  |
|  |  | Total |  |  |  |  | 32 |  |  |
|  |  |  |  |  |  | | |  |  |
|  |  |  | **Test Case Status** | | Not | | |  |  |
|  |  | Fail | Completed | | |  |  |
|  |  |  |  |  |  |
|  | 2% | |  |  | 0% | |  |  |  |
|  |  |  |  |  |  | Pass | |  |  |
|  |  |  | Pass Fail | Not Completed | 98% | | |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |



**Figure 1: Test Case Status**

Defect Status

Defects identified during testing were tracked using Axosoft (a project management and bug tracking tool). Below is the overview of distribution of defect by severity and current status of the defect.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Defect Status/ Severity | Simple |  | Medium | Complex |  | Total |
| Closed Defects |  | 5 | 10 |  | 17 | 32 |
| In Progress |  | 0 | 0 |  | 0 | 0 |
| Rejected |  | 4 | 9 |  | 2 | 15 |
| Total Defects |  | 9 | 19 |  | 19 | 47 |
|  |  |  |  |  |  |  |

Types of Testing Performed

Sanity Testing

This testing was done whenever a Build was received *(deployed into Test environment)* for Testing to make sure the major functionalities are working fine, and to decide if the Build can be accepted for testing to commence.

System Testing

System testing were performed independently on the below applications

EBay web application

System Integration Testing

The following cases of integrations were considered and covered in the system integration testing.

EBay web application

Regression Testing

Once the feature development was completed and defects within those features were fixed, extensive regression testing was performed on the whole application. This ensured that the existing features were still working as expected after the new features were added.

Browser Compatibility Testing

Browser Compatibility Testing was performed on EBay application across different recent versions Chrome and Firefox browsers on PC.

Lessons Learned

|  |  |  |
| --- | --- | --- |
| S. No | Issue faced | Solutions |
|  | Key features that were working | Sanity Test cases were created to test the key features of |
|  | fine earlier broke after a new | the application. The Sanity Test suite was run every time a |
|  | build was deployed on the test | build was deployed to test. This ensured a smooth test |
| 1 | environment | execution once the build was accepted. |
|  | Adding a new feature impacted |  |
|  | the functioning of existing | Regression test suite was created to make sure that existing |
| 2 | feature. | features were intact after the new features were added. |
|  | Few inconsistent issues were | Testers identified the pattern that could recreate the |
|  | identified that were hard to | defect. Required test data and screenshots were supplied. |
|  | recreate and harder for the | This helped the developers to fix defects that were |
| 3 | developers to fix | inconsistent. |

Best Practices

* Business critical scenarios were separately tested on the entire application. This was vital to

Certifying that they were working fine.

* Some of the repetitive tests within the WorkForms application were automated using

Selenium WebDriver with NUnit and ExcelDataReader framework.

* Every feature development sprint (2 weeks) was followed by a bug fixing sprint (1 week).

This ensured that the next sprint development and testing went on smoothly.

* Sanity Testing were performed after every build was deployed to the test environment to

Ensure the stability of the test environment.

* Regression testing was performed to ensure the existing features were working fine after
  + The new features were integrated.
  + Stand-ups were conducted on a daily basis during the start of the day to track the testing progress and discuss critical issues.

Exit Criteria

* All test cases shall be executed **–** **Yes**.
* All defects in Critical, Major severity shall be verified and closed **–** **Yes.**
* Any open defects in Medium/ Low severity shall be addressed with a plan **–** **Action plan** **prepared with expected dates of closure.**

Conclusion/ Sign-Off

As can be seen from the details provided, extensive testing has been carried out on the application and the application is found to be in a stable state and meeting all the requirements. The Exit criteria has been met and this application is recommended to be passed on to the User Acceptance Testing (UAT) team. Appropriate User/Business acceptance testing should be performed before ‘Go Live’.