



**Test Completion Report**

**For**

**[Big Bus] - [Viator Integration]**

[02-Feb-2018]

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Classification: Restricted

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**VERSION HISTORY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 15-Feb-2018 | 1.0 | Initial Version | Vimala.pradaga@whishworks.com |
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|  |  |  |  |

**REFERENCES**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Document/Artefact** | **Version** | **Date** |
| 1 | Project Test Cases | 1.0 | 2/6/2018 |
| 2 | Project Test Report | 1.0 | 2/14/2018 |
|  |  |  |  |

**DEFINITIONS & ACRONYMS**

|  |  |  |
| --- | --- | --- |
| **#** | **Acronym** | **Expanded Form** |
| 1 | UT | Unit/Dev Testing |
| 2 | ST | System/Functional Testing |
| 3 | SIT | System Integration Testing |
| 4 | UAT | User Acceptance Testing |

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# Overview

Test Completion Report summarizes the outcome of BigBus Viator Integration Project testing performed using the approved Test Plan, Scenarios and Test cases.

All executed Test Cases and their individual test execution history, test evidence and related defects, are included in the Google Drive location.

<https://drive.google.com/drive/folders/1PnJfv9fByLfwa4Q3B1TBPBq3WtIiMIi_?usp=sharing>

# Test case Execution Summary

This section analyses the details around the test cases execution status identified after the testing

Example:

Figure 1: Test Execution Summary

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Passed** | **In-progress** | **Failed** | **N/A** | **No Run** | **Total Test Cases** | **Remaining to Execute (including failed)** |
| # of Test Cases (TCs) | **96** | **0** | **0** | **0** | **0** | **96** | **0** |
| # of N/A TC’s | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

# Defect Status

This section analyses the status of defects identified during the testing

Example:

Figure 2: Defect Status

# Test Metrics

Below captured are the test metrics measured based upon the testing execution

|  |  |  |
| --- | --- | --- |
| **Description** | **Actual Metrics** | **Comment** |
| # of prepared TCs | 96 |  |
| # of passed TCs | 96 |  |
| # of failed TCs | 20 |  |
| # of blocked TC’s |  |  |
| # of No-run/In-progress TC’s |  |  |
| # of N/A TC’s |  |  |
| # of bugs identified | 15 |  |
| # of bugs Open/Reopened |  |  |
| # of bugs Closed | 15 |  |
| # of bugs Deferred |  |  |
| # of bugs Fixed | 15 |  |
| # of bugs In-progress |  |  |

Table 1: Test Metrics Data

|  |  |  |  |
| --- | --- | --- | --- |
| Metrics | Formula | Expected Result | Actual Result |
| **Test Case Coverage (%)** | Total Test Cases Executed / Total Test Cases planned for execution | Between 85% - 95% | Between 85% - 95% |
| **Test case Efficiency (%)** | Total TC (manual & Auto) successful in find errors / Total TC (manual & Auto) executed | At least 5% - 10% of the test cases will yield defects in integration & Less than 3% in regression. | At least 5% - 10% of the test cases will yield defects in integration & Less than 3% in regression. |
| **Test case pass rate (%)** | (Number of test cases passed / Total number of test cases executed ) \* 100 | Execution rate could be 7 test cases per hour | At least 5% - 10% of the test cases will yield defects in integration & Less than 3% in regression. |
| **Reusable Test Cases (%)** | (No. of TC reused / Total No. of TC) \*100 | Between 10% - 20% | Between 10% - 20% |
| **Review efficiency (RE) (%)** | (No. of Defects found in Review) x 100 / Total No. of Defects found before Delivery (Only Reviews) instead | Between 4% - 6% | Between 4% - 6% |
| **Test case Not executed (%)** | (Number of test cases not executed / Total number of test cases) \* 100 | Between 5% - 10% | Between 5% - 10% |
| **Weighted Defect Density(WDD)** | (5\* No. of fatal defects)+(3\*No. of Major defects)+(1\*No. of minor defects) | Between 8.2/KLOC | Between 8.2/KLOC |

Table 2: Test Metrics Summary

# Deviations taken

N/A

# Open items

Issues that are yet to be addressed are as follows

Auditing and logging should be improved. But minimum things are getting logged and audited.

As per the mapping document WW haven’t performed any validations to ResellerId and SupplierId.

# Conclusion



Outcome of the testing activities against the agreed Exit Criteria are detailed below

|  |  |  |
| --- | --- | --- |
| **Exit Criteria** | **Status** | **Remarks** |
| All planned tests executed and/or reasons provided for all the test case which are not executed or marked as out of scope | **Y** |  |
| All bugs closed or Critical, Major defects closed with Minor, trivial defects deferred | **Y** |  |
| All test cases are mapped with requirements and scenarios | **Y** |  |
| Bugs raised during testing are closed or action plans are approved for their resolution | **Y** |  |
| All deviations have been recorded and approved within this Test Report | **N/A** |  |
| Bugs identified are captured in Defect Tracker | **Y** |  |