



**Test Completion Report**

**For**

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

[02-Feb-2018]

WHISHWORKS

www.whishworks.com

WW/PD/REC/PTCR/1/HYD01/BBVIO1/00402

Classification: Restricted

Reported By: [Vimala Pradaga]

*© WHISHWORKS 2018. All rights reserved.*

*No part of this document may be reproduced or transmitted in any form or by any means electronic or mechanical including photocopying and recording or by any information storage or retrieval system except as may be expressly permitted by WHISHWORKS*

**DISTRIBUTION LIST**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Name** | **Contact Details** | **Purpose** |
| 1 | Imam Shareef | Imam.shareef@whsihworks.com | Approver |
| 2 | Satyamurty Kodukulla | Satyamurty.kodukulla@whishworks.com |  |
| 3 | Technical Design  Authority | tda@whishworks.com | Approver |
| 4 | Technical Architect | Aditya.kuruganti@whishworks.com | Informer |

**DOCUMENT CONTROL**

|  |  |  |  |
| --- | --- | --- | --- |
| **Prepared By** | **Reviewed By** | **Approved By** | **Approved Version** |
| Vimala Pradaga | Imam.shareef@whsihworks.com | Imam.shareef@whsihworks.com |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**VERSION HISTORY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 15-Feb-2018 | 0.1 | Initial Version | Vimala.pradaga@whishworks.com |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**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 |

Table of Contents

[1. Overview 4](#_Toc506471971)

[2. Test case Execution Summary 4](#_Toc506471972)

[3. Defect Status 5](#_Toc506471973)

[4. Test Metrics 5](#_Toc506471975)

[5. Deviations taken 6](#_Toc506471976)

[6. Open items 7](#_Toc506471977)

[7. Conclusion 7](#_Toc506471978)

Table of Figures

[Figure 1: Test Execution Summary 3](#_Toc474158449)

[Figure 2: Defect Status 3](file:///C:\Users\sjeyapal\Desktop\Templates\Testing\WW-PD-QA-TMP-PTC-Project%20Test%20Completion%20Report.dotx#_Toc474158450)

# Overview

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

# Test case Execution Summary

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

Example:

Figure : 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** |  |
| # of N/A TC’s |  |  |  |  |  |  |  |

# Defect Status

This section analyses the status of defects identified during the testing

Example:

Figure : 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 : 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% |  |
| **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. |  |
| **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 |  |
| **Reusable Test Cases (%)** | (No. of TC reused / Total No. of TC) \*100 | 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% |  |
| **Test case Not executed (%)** | (Number of test cases not executed / Total number of test cases) \* 100 | 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 |  |

Table : 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** |  |



Execution percentage stands at **100 %**( excluding the test cases marked as N/A)

\*\*\*End of Document\*\*\*