*<BOOk BANK MANAGEMENT SYSTEM>*

Test report

Version *<1.0>*

*<04 /04/2016>*

VERSION HISTORY

[Provide information on how the development and distribution of the Test Report was controlled and tracked. Use the table below to provide the version number, the author implementing the version, the date of the version, the name of the person approving the version, the date that particular version was approved, and a brief description of the reason for creating the revised version.]

|  |  |  |
| --- | --- | --- |
| **Version #** | **Implemented**  **By** | **Revision**  **Date** |
| 1.0 | *<2>* | *<03/04/2016>* |
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***Note to the Author***

[This document is a template of a **Test Report** document for a project. The template includes instructions to the author, example text, and fields that should be replaced with the values specific to the project.

* Blue italicized text enclosed in square brackets ([text]) provides instructions to the document author, or describes the intent, assumptions and context for content included in this document.
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2. Modify example text as appropriate to the specific project.
3. To add any new sections to the document, ensure that the appropriate header and body text styles are maintained. Styles used for the Section Headings are Heading 1, Heading 2 and Heading 3. Style used for boilerplate text is Body Text.
4. To update the Table of Contents, right-click and select “Update field” and choose the option- “Update entire table”
5. Before submission of the first draft of this document, delete this “Notes to the Author” page and all instructions to the author, which appear throughout the document as blue italicized text enclosed in square brackets.]

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# 1.0 Introduction

## 1.1 Purpose

This *<BOOK BANK MANAGEMENT SYSTEM >* Test Report provides a summary of the results of test performed as outlined within this document.

# 2.0 Test PLAN

The software to be test on is book bank we perform various operation such as Performace test,User acceptance test,System test.

# 3.0 Test Assessment

System testing ,User Acceptance testing was performed well, while Performance testing was not done through adequate software

# 4.0 Test Results

There were many deviation from the expected test result while some of them matched with the expectation also. All results are mentioned in the table below.

## Unit/Module/System Testing

Unit, module, and system integration testing activities were performed during the development of the system build or release.

## 4.2 System Testing

The table below summarizes the results of system testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Date Tested | Tester | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Closed prior to Production Release? | Comments |
| 1.) | 01/04/2016 | Pranav | Pass | Low | Search item by member | <Yes> or <No> |  |
| 2.) | 01/04/2016 | Pranav | Fail | Low | Monetary attribute not able to assign |  |  |
| 3.) | 01/04/2016 | Pranav | Fail | Low | Book Banking type not able to assign |  |  |
| 4.) | 01/04/2016 | Pranav | Fail | Moderate | Id not being assign |  | Unique id must be assigned or generate to each item |
| 5.) | 01/04/2016 | Pranav | Fail | Moderate | Attributes of book not mentioned in srs |  | Different attribute during addition of book are required but not specified |
| 6.) | 02/04/2016 | Pranav | Fail | Low | Search enquiry not working for  librarian |  | Librarian does not exit in software |
| 7.) | 02/04/2016 | Pranav | Pass | Low | Search enquiry working for  member |  |  |
| 8.) | 02/04/2016 | Pranav | Fail | Moderate | Issue membership card by administrated and librarian |  | Issue membership card not working in software |
| 9.) | 2/04/2016 | Sahil | Fail | Moderate | Cancel membership card for administrated and librarian |  | Cancel membership card not working in software |
| 10.) | 02/04/2016 | Sahil | Pass | Low | Issue item  by administrator |  |  |
| 11.) | 02/04/2016 | Sahil | Fail | Low | Issue item by librarian |  | Librarian does not exit in software |
| 12.) | 02/04/2016 | Sahil | Pass | Low | Return item by administrated |  |  |
| 13.) | 03/04/2016 | Sahil | Fail | Low | Return item by librarian |  | Librarian does not exit in software |
| 14.) | 03/04/2016 | Sahil | Pass | Low | Maintain the item record |  |  |
| 15.) | 03/04/2016 | Sahil | Fail | Low | Update member record |  | Not working |
| 16.) | 03/04/2016 | Sahil | Fail | Low | Enquiry for member ship |  | Not working |
| 17.) | 04/04/2016 | Sahil | Pass | Low | Request for item return by member |  |  |
| 18.) | 04/04/2016 | Sahil | Pass | Low | Request for item issue by member |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

*[If the test case failed, list the corresponding Test Incident ID in the Comments column.]*

## User Acceptance Testing

The table below summarizes the test cases employed for user acceptance testing and the test results obtained for each test case:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Date Tested | Tester | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Closed prior to Production Release? | Comments |
| 1.) | 01/04/2016 | Pushpinder | Fail | Moderate | Librarian actor mentioned in srs but not implemented in software | <Yes> or <No> | Librarian does not exit in software |
| 2.) | 01/04/2016 | Pushpinder | Fail | Moderate | Issuing of cds , dvds not mentioned in srs |  | Cds ,dvds not defined in srs |
| 3.) | 02/04/2016 | Pushpinder | Fail | Moderate | Patron and guest not specified in srs but implemented |  | Patron and guest not defined in srs |
| 4.) | 02/04/2016 | Pushpinder | Fail | Moderate | Use case diagram in srs does not match with software |  | Use case diagram are not implemented |
| 5.) | 02/04/2016 | Manish | Pass | High | Search for admin and member is working |  |  |
| 6.) | 04/04/2016 | Manish | Pass | Moderate | Request for item issue working for member |  |  |
| 7.) | 04/04/2016 | Manish | Pass | Moderate | Request for item return working for admin |  |  |
| 8.) | 04/04/2016 | Manish | Pass | Moderate | Issue item and return item working for admin |  |  |
|  |  |  |  |  |  |  |  |

*[If the test case failed, list the corresponding Test Incident ID in the Comments column.]*

## Regression Testing

The table below summarizes the test cases employed for regression testing and the test results obtained for each test case:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Date Tested | Tester | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Closed prior to Production Release? | Comments |
|  |  |  |  |  |  | <Yes> or <No> |  |

*[If the test case failed, list the corresponding Test Incident ID in the Comments column.]*

## Performance Testing

The table below summarizes the test cases employed for performance testing and the test results obtained for each test case:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Date Tested | Tester | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Closed prior to Production Release? *[This will be filled by the dev team.]* | Comments |
| 1.) | 04/04/2016 | Manish | Fail | Moderate | after every task reload is needed | <Yes> or <No> | After each task automatic reload should take place |
| 2.) | 04/04/2016 | Manish | Fail | Moderate | Code complexity |  | Cyclmetric complexity-:10 |
| 3.) | 04/04/2016 | Manish | Pass | Moderate | With  moderate  load |  | 35 % CPU  Usage  Intel core i7 8 GB RAM |

## <INTERFACE TestING>

The table below summarizes the test cases employed for <type of test (e.g., unit/ module/ interface testing)> and the test results obtained for each test case:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Date Tested | Tester | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Closed prior to Production Release? *[This will be filled by the dev team.]* | Comments |
| 1 | 01/04/2016 | Pushpinder | Fail | Medium | Tick mark in administer browser window position not correct | <Yes> or <No> | Tick mark should be at proper position |
| 2 | 01/04/2016 | Pushpinder | Fail | Medium | Confirmation dialog box after adding book does not appear |  | Confirmation must be given |
| 3 | 01/04/2016 | Pushpinder | Fail | High | Close window of software position not correct |  | Wrong position of close window button |
| 4 | 02/04/2016 | Pushpinder | Fail | Low | Price , date in display not right aligned |  | Proper alligment should be there |
| 5 | 02/04/2016 | Pushpinder | Fail | Low | Error message mention in srs while searching is not implemented |  | No error message pop out if search is not found |
| 6 | 03/04/2016 | Pushpinder | Fail | Low | Icon of item request not appropriate |  | Request icon inappropriate |
| 7 | 03/04/2016 | Saurav | Fail |  | In add item window attribute such as LC control no. ,call no., Dewey class no. not specified anywhere |  | Attribute not defined in srs |
| 8 | 04/04/2016 | Saurav | Pass | Low | Table and list view of item has been executed appropriately |  |  |
| 9 | 04/04/2016 | Saurav | Fail | Low | In search tab ,search button is missing |  | A search button must be present |
|  |  |  |  |  |  |  |  |

# 5.0 Variances

# Following variances occurred

# 1. Only Limited amount of data was considered for Load and Stress.

# 2. Only limited users were handled simultaneously through single machine.

# 3. Modules were checked through single session of overall system program.

# 4. Domain testing was not possible in this project.

# 6.0 Test Instances

[Provide a brief description of the unexpected results, problems, or defects that occurred during the testing.]

## Resolved Test Incidents

*[Identify all resolved test incidents and summarize their resolutions. Reference may be made to Test Incident Reports that describe in detail the unexpected results, problems, or defects reported during testing, along with their documented resolutions, which may be included as an appendix to this document.]*

*[This will be filled by the dev team.]*

## Unresolved Test Incidents

[Identify all unresolved test incidents and provide a plan of action for their resolution. Reference may be made to Test Incident Reports that describe in detail the unexpected results, problems, or defects reported during testing, which may be included as an appendix to this document.]

*[This will be filled by the dev team.]*

# 7.0 Recommendations

The user requirements specified in SRS are not executed in software. Software implementation does not match with class diagram and use case diagram in SRS. Requiring refreshing each and every time can be avoided. Different attributes asked during addition of an item or member, should be mention in SRS. Many functionalities implemented in the software are not mentioned in SRS. False bugs in the software like addition of music cd’s must be removed.

APPENDIX A: REFERENCES

[Insert the name, version number, description, and physical location of any documents referenced in this document. Add rows to the table as necessary.]

The following table summarizes the documents referenced in this document.

|  |  |  |
| --- | --- | --- |
| **Document Name** | **Version** | **Description** |
| *<Document Name>* | *<Version Number>* | *[Provide brief description of the document]* |

APPENDIX B: KEY TERMS

*[Insert terms and definitions used in this document. Add rows to the table as necessary.]*

The following table provides definitions for terms relevant to this document.

|  |  |
| --- | --- |
| **Term** | **Definition** |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |