*Publication Management System*

Test report

Version 1.0

*04 April 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 | *Group 8* | *04 April 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.
* Blue italicized text enclosed in angle brackets (<text>) indicates a field that should be replaced with information specific to a particular project.
* Text and tables in black are provided as examples of wording and formats that may be used or modified as appropriate to a specific project. These are offered only as suggestions to assist in developing project documents; they are not mandatory formats.

When using this template for your project document, it is recommended that you follow these steps:

1. Replace all text enclosed in angle brackets (e.g., <Project Name>) with the correct field values. These angle brackets appear in both the body of the document and in headers and footers.
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 ***Publication Management System*** Test Report provides a summary of the results of test performed as outlined within this document.

# 2.0 Test PLAN

In the software, we tested different functionalities as mentioned in the SRS document. We also tested whether the implemented functionalities are properly working or not. Test data was chosen according to the constraints and topologies given in the SRS document.

# 3.0 Test Assessment

The test we ran on the software was quite well. We almost checked all the functionalities. Since we chose random data based on the constraints, we can assure that no other bugs other than mentioned in this document is going to be find.

# 4.0 Test Results

The project was successfully tested. Test plan was strictly followed as mentioned above. All missing and required use cases were reported. All malfunction or improper implementation were reported. The needed changes and improvements were also reported.

## 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? *[This column will be filled by the dev team.]* | Comments |
| 1 | 01/4/16 | Sourav | Fail | High | Register |  | Register button not working |
| 2 | 01/4/16 | Sourav | Pass | High | Login |  |  |
| 3 | 01/4/16 | Shiv | Fail | Medium | Error while login |  | Message not showing for incorrect credentials |
| 4 | 01/4/16 | Shiv | Fail | Medium | Add publication |  |  |
| 5 | 01/4/16 | Prashant | Fail | Medium | Update Publication |  |  |
| 6 | 01/4/16 | Prashant | Pass | High | Change Password |  |  |
| 7 | 01/4/16 | Suresh | Fail | High | Add Profile |  |  |
| 8 | 01/4/16 | Suresh | Fail | High | Update Profile |  |  |
| 9 | 01/4/16 | Shiv | Fail | High | Search of Publication not implemented |  |  |
| 10 | 01/4/16 | Prashant | Fail | High | Up vote publication, Comment on publication not implemented |  |  |

## 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? *[This column will be filled by the dev team.]* | Comments |
| 1 | 01/4/16 | Shiv | Fail | Medium | Login, Register,  View Publications, Edit Publications |  | Functionalities are not implemented |
| 2 | 01/4/16 | Shiv | Fail | Medium | Not inserting entries while ‘Add profile’ is done |  | Data Integrity missing |
| 3 | 01/4/16 | Suresh | Pass | Medium | No defect |  | View database  (Backup and recovery) |
| 4 | 01/4/16 | Shiv | Pass | Medium | No defect |  | Upgradability |
| 5 | 01/4/16 | Shiv | Pass | High | Class diagrams missing |  | SRS Documentation |
| 6 | 01/4/16 | Sourav | Pass | Medium | No defect |  | Maintainability |
| 7 | 01/4/16 | Sourav | Fail | Low | Images are not loading |  | Images are not in the working folder |
| 8 | 01/4/16 | Prashant | Fail | Low | Improper placeholders |  | ‘Branch name’ in ‘Title’, ‘Bank name’ in ‘Related to Publication’ |
| 9 | 01/4/16 | Prashant | Fail | Low | Id of publication is going negative |  |  |
| 10 | 02/4/16 | Suresh | Fail | Low | Spelling Mistakes |  |  |

## 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? *[This column will be filled by the dev team.]* | 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 | 02/4/16 | Shiv | Pass | Medium | Load on Server |  | Large database handled |
| 2 | 02/4/16 | Prashant | Pass | Medium | Scalability |  |  |
| 3 | 02/4/16 | Prashant | Pass | Medium | Endurance |  |  |

## Miscellaneous testing

The table below summarizes the test cases employed for miscellaneous 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 | 03/4/16 | Suresh | Fail | Medium | Different users login at same time |  | Proper session variable management is required |
| 2 | 03/4/16 | Suresh | Fail | Medium | Register option is available when user is logged in |  | Proper session variable management is required |
| 3 | 03/4/16 | Sourav | Fail | Medium | Phone Number,  Email id entry not verified |  | Credentials should be verified with proper errors |
| 4 | 03/4/16 | Sourav | Fail | Low | Resume should not be accepted except pdf format |  | File formatting checking should be incorporated |
| 5 | 03/4/16 | Shiv | Fail | Medium | Clicking on ‘Public Management System’ button results error |  | It should redirect to homepage explicitly |
| 6 | 03/4/16 | Sourav | Fail | Medium | Proper option on side panel is not displayed selected when it is actually selected |  |  |
| 7 | 03/4/16 | Sourav | Fail | Medium | ‘Forgot Password’ is not available. |  | Useful when user forgets his password and want to reset |
| 8 | 03/4/16 | Shiv | Fail | Medium | Proper message not displayed when ‘save password’ is selected |  |  |

# 5.0 Variances

Following variances occurred:

1. Only limited amount of data was considered for server load.
2. Only limited users were handled simultaneously through single machine.

# 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

[Describe what actions are suggested upon completion of this test. Provide any recommended improvements in the design, operation, or future testing of the business product that resulted from the testing being reported. A discussion of each recommendation and its impact on the business product may be provided. If there are no recommendations to report, then simply state as such.]

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.]* |