
FINANCIAL GRANT MANAGEMENT SYSTEM

TEST REPORT

Version <1.0>

<04/04/2016>

VERSION HISTORY

Version #	Implemented By	Revision Date
1.0	<i>Group 6</i>	<i>05/04/2016</i>

Table of Contents

1.0 INTRODUCTION.....	5
1.1 Purpose.....	5
2.0 TEST PLAN.....	5
3.0 TEST ASSESSMENT	5
4.0 TEST RESULTS	5
4.1 Unit/Module/System Testing	5
4.2 System Testing	6
4.3 User Acceptance Testing	8
4.4 Regression Testing	8
4.5 Performance Testing	9
4.6 <Type of Test>.....	9
5.0 VARIANCES.....	10
6.0 TEST INSTANCES.....	10
6.1 Resolved Test Incidents.....	10
6.2 Unresolved Test Incidents.....	10
7.0 RECOMMENDATIONS	10
APPENDIX A: REFERENCES.....	11
APPENDIX B: KEY TERMS	12

1.0 INTRODUCTION

1.1 PURPOSE

This *Financial Grant Management System* Test Report provides a summary of the results of test performed as outlined within this document.

2.0 TEST PLAN

This test report consists of the testing of the software FINANCIAL GRANT MANAGEMENT SYSTEM using various testing techniques like System Testing, Unit Testing, User Acceptance Testing, Regression Testing and Performance Testing. The Accepted requirement criteria were selected based on various factors like user response time, requirement specification, latency, normal data transfer, user acceptance criteria, bug fixing impacts and overall system requirememnts.

3.0 TEST ASSESSMENT

The testing environment was complete and adequate. Every module was tested thoroughly and all possible cases were considered.

4.0 TEST RESULTS

The testing environment gave many insights upon the software. Various bugs were identified and repaired. The software deviated from its usual path according to the specification along with lots of other unpredicted behaviors on various situations. The detailed description of the tests follows below.

4.1 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
S1	03/04/16	Robin	Fail	High	Shows empty field error.		When user login into the FGMS portal then the website shows empty field error if the password of user is set to zero.
S2	03/04/16	Ankita	Pass	High	Does not have any constraint on user password.		Password does not have any constraint it may be of any length, any combination of numbers and alphabets which makes the portal weak.
S3	03/04/16	Robin	fail	Medium	Depends on the main scroll bar.		On giving large input text, detail field size increases which is little annoying.
S4	03/04/16	Robin	fail	Medium	Does not able to show the details in the given format.		Display the details of the user in the wrong format.
S5	03/04/16	Robin	fail	High	Image field can accept any type of file so a potential error.		Image field can accept any type of file.
S6	03/04/16	Robin	fail	High	Save the users input even after		Special care must be takes for this.

Financial Grant Management System

					logout.		
S7	03/04/16	Rohan	Fail	Medium	Shows error on selecting larger size file for the bill.		Does not handle the error if user give the larger size file then the portal shows error.
S6	03/04/16	Robin	Fail	Medium	Shows error on invalid data in database.		If database contain invalid data than the portal shows error.
S9	03/04/16	Robin	Fail	High	User can give invalid credential any no. of times.		This may make the portal insecure.
S10	03/04/16	Ankita	Fail	High	Display the color on wrong credential on login		Blind person or the person with color blindness does not able to detect the errors.
S11	4/04/16	Rohan	Pass	Medium	Display error on wrong inputs while registering for the new user		Trying to enter invalid inputs, gave the expected output.
S12	4/04/16	Rohan	Fail	High	Security Issue: After logging out, one can again go to the user account page.		No session id. Created which is a potential security issue.
S13	4/04/16	Rohan	Fail	Low	Displaying error when giving Decimal input to the amount section.		The bill generated can be in decimal.
S14	4/04/16	Rohan	Fail	Medium	Not displaying error at proper place.		The error is not being shown at the appropriate place.

4.3 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
U1	03/04/16	Robin	fail	Medium	Depends on the main scroll bar.		On giving large input text, detail field size increases which is little annoying.
U2	03/04/16	Robin	fail	Medium	Does not able to show the details in the given format.		Display the details of the user in the wrong format.

4.4 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

4.5 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?	Comments
P1	4/04/16	Rohit	Pass		Website running smoothly. No speed issues .		
P2	4/04/16	Rohit	Fail	Low	Security: Password of user is not encrypted.		Passwords should be Encrypted .

4.6 USER LOGIN

The table below summarizes the test cases employed for 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
L1	4/04/16	Rohit	Fail	Low	Login Page cannot accept all the password type.		Password like '0' was not being accepted while login.

5.0 VARIANCES

The test cases were manually created as compared to the scripts and software being used in the industries but were sufficient enough to test all the boundary cases as well as major drawbacks in the system. The testing was planned, divided and executed in phases by all the team members involved. The system was checked for any malicious working by varying all the input parameters to check if it behaved undesirably.

6.0 TEST INSTANCES

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

6.1 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.]

6.2 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

We recommend the group that they should focus on the errors of high severity first and then remaining ones. Depending on the browser and system the website should work smoothly. We also suggest that the bill amount should be uploaded only in image. Errors should be shown clearly for ex: Pop Ups should be used to show errors as blind person does not able detect the error. The project is not platform oriented; special care must be taken to resolve the error.

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>	<i>[Provide brief description of the document]</i>

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
<i>[Insert Term]</i>	<i>[Provide definition of the term used in this document.]</i>
<i>[Insert Term]</i>	<i>[Provide definition of the term used in this document.]</i>
<i>[Insert Term]</i>	<i>[Provide definition of the term used in this document.]</i>