

FEE MANAGEMENT SYSTEM

TEST REPORT

Version *<1.0>*

<3/4/2016>

FEE MANAGEMENT SYSTEM

VERSION HISTORY

Version #	Implemented By	Revision Date
1.0	<i>Group 2</i>	<i>3/4/2016</i>

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.]*

Table of Contents

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

FEE MANAGEMENT SYSTEM

1.0 INTRODUCTION

1.1 PURPOSE

This FEE MANAGEMENT SYSTEM Test Report provides a summary of the results of test performed as outlined within this document.

2.0 TEST PLAN

The following sequence(in order) was followed while conducting the testing for the project

- Basic testing
- System Testing
- User Acceptance Testing
- Performance Testing

Basic Testing: The testing team started with a basic walkthrough of the project searching for any loose ends and broken links.

System was tested for the faults in User Interface, the Database and the functioning.

System testing: In this category, we devised a set of test cases and served them to the software. Some passed and some failed and the results were carefully and duly noted down for further analysis.

User Acceptance Testing: The system was viewed from the perspective of the user and its capability to be served to the end users was tested.

Performance Testing: The system was judged under various parameters such as speed, consistency and reliability.

3.0 TEST ASSESSMENT

All the UI and Database related issues have been identified. There were a few instances of extreme severity which make the software highly unreliable. We were not able to do performance testing as we could not bring in a large amount of users accessing the software. There are no speed related issues as the input given is plain and requires no processing. Unit testing could not be carried out satisfactorily because the developers directly took the input for their modules from the user interface and therefore we could not give inputs of the individual modules.

4.0 TEST RESULTS

4.1 UNIT/MODULE/SYSTEM TESTING

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

FEE MANAGEMENT SYSTEM

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? <i>[This column will be filled by the dev team.]</i>	Comments
1	2/3/2016	Aayush Sharda	pass	Low	Display error on wrong credentials in Login	<Yes> or <No>	Trying to enter invalid credentials giving expected outputs
2	3/3/2016	Avan Rathod	Fail	Medium	Receipt generate after fee payment is editable		The receipt is not printable errrrrr
3	3/3/16	Archit Agarwal	Pass	NA	On successful fee payment, corresponding success message is displayed		
4	2/3/16	Avan Rathod	Fail	medium	The database entries if all deleted still maintains the info in the table. NO error produced		Entries should be deleted and error message should be displayed .

FEE MANAGEMENT SYSTEM

5	2/3/16	Aayush Sharda	Fail	low	Forgot Password does not work.		Inability to change password .
6	3/3/16	Avan Rathod	Fail	High	Fees is editable by the payee		The payee can pay any amount for the semester /mess
7	3/3/16	Aayush Sharda	Fail	Medium	Fees and student database is editable by the admin but the admin is not prompted for saving the edited fees or database and it is saved automatically.		Admin should be prompted for saving the new fees structure.
8	3/3/16	Vaibhav Paliwal	Fail	Low	In the student's main window the details are shown in a non editable text box which is ambiguous for the user.		The details must be shown in a way such that the user knows that he is not able to edit the details.
9	3/3/16+	Aayush Sharda	Fail	Low	Color coding scheme not followed		The logging in should be green

FEE MANAGEMENT SYSTEM

							instead of red
--	--	--	--	--	--	--	----------------

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

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 ? <i>[This column will be filled by the dev team.]</i>	Comments
1	2/3/2016	Vaibhav Paliwal	Fail	Medium	Semester and Mess fee showing the same after changing to mess and then semester	<Yes> or <No>	This may lead to wrong payment.
2	2/3/16	Archit Agrawal	Fail	medium	Paid Semester fee but got mess fee amount in the payment summary		This may lead to confusion regarding the amount paid.
3	2/3/16	Archit Agrawal	Fail	medium	No failure condition for payment		Any entry is valid . no error

FEE MANAGEMENT SYSTEM

					without the gateway		displayed .
4	2/3/16	Archit Agrawal	Fail	medium	Cannot fill mess fee after paying sem fee without logging out		It leads to wastage of time and is inefficient.
5	3/3/16	Avan Rathod	Pass	low	Logout of an account executed successfully.		
6	3/3/16	Aayush Sharda	Pass		Proper receipt generated after successful payment		
7	3/3/16	Vaibhav Paliwal	Pass		Fees is paid before receipt generation.		
8	3/3/16	Avan Rathod	Pass		The database query is successfully executed in the admin section.		
9	3/3/16	Vaibhav Paliwal	Pass		Fee summary report is generated		

FEE MANAGEMENT SYSTEM

					in staff and admin		
--	--	--	--	--	-----------------------	--	--

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

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? <i>[This column will be filled by the dev team.]</i>	Comments
						<Yes> or <No>	

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

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? <i>[This will be filled by the dev team.]</i>	Comments
1	2/3/16	Aayush Sharda	Fail	Medium	Logging in is taking	<Yes> or <No>	

FEE MANAGEMENT SYSTEM

					a lot of time. When just a single user is trying to log in.		
--	--	--	--	--	---	--	--

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

4.6 <TYPE OF TEST>

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? <i>[This will be filled by the dev team.]</i>	Comments
						<Yes> or <No>	

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

5.0 VARIANCES

The main problem with the testing that occurred was for performance and unit testing. Since the structure of code was very complex and we had a limitation of the number of simultaneous users accessing the software. There were not any major variances in use acceptance and system testing.

6.0 TEST INSTANCES

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

FEE MANAGEMENT SYSTEM

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

The structure does not match with the one proposed in SRS. The class diagram highly variates from the one proposed. The database transactions are highly unreliable as the student is able to pay the fees multiple times and also student can pay the amount of mess fees in place of Semester fees and would not be prompted for the same. The receipt generated is editable which is an extreme defect and hence has to be made uneditable and also printable. The admin can change the fees structure without being prompted for save and the changes are saved automatically.

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
Fee management system test report	1.0	The document is the first version for the testing phase of the software Fee Management System.

APPENDIX B: KEY TERMS

No key terms and definitions used as such.