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## **MESS MANAGEMENT SYSTEM**

### **TEST REPORT**

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Version <1.0>

3/4/2016

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## 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 9	04/03/2016

### 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.

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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 [Mess 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 MESS 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, requirements specification, latency, normal data transfer, user acceptance criteria, bug fixing impacts and overall system requirements.

## **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
1	2/4/2016	Rajan	Pass		Display error on wrong Credentials in Login	<Yes> or <No>	Trying to enter invalid credentials gave expected outputs
3	2/4/2016	Kshitij	Fail	Medium	Request Refund button does not work		Upon Clicking Request refund Button nothing happened
4	3/4/2016	Rajan	Fail	High	Change Menu option is not working		Unable to upload new Image for Menu. No filter in upload image picker DialogBox .This may lead to privacy issues.
5	3/4/2016	Piyush	Fail	Medium	Fine impose function in admin view has logical errors.		No upper limit on the imposed fine and negative fine allowed.

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6	3/4/2016	Rajan	Fail	Low	Fine impose function in student view has logical errors.		The fines are getting replaced instead of being summed up.
7	3/4/2016	Tapan	Fail	Medium	Leave application has insufficient data.		It does not contain the leave duration and the starting date.
8	3/4/2016	Rajan	Fail	High	Logical error in add items option.		Negative quantity of items is allowed to be added and reloading the page causes the script to run again resulting in repeated additions of the same item.
9	3/4/2016	Rajan	Fail	High	Logical error in polling.		One student can vote for a single menu multiple times causing error in polling results.
10	3/4/2016	Kshitij	Fail	Medium	Start/Stop Polling option		The student is able to vote even if

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					does not work		the polling has been stopped by the admin.
11	3/4/2016	Piyush	Fail	Medium	Logical error in utensils report and feedback option.		New report by a student replaced his previous report, hence a single student is unable to submit multiple reports.
12	3/4/2016	Kshitij	Fail	High	Fast food/Jain Food request Use case Missing		Option absent in the student view and the admin view.
13	3/4/2016	Piyush	Pass		Display menu option in both the views is working.		
14	3/4/2016	Piyush	Pass		Check leave option in admin view is working.		Each application is getting stored properly without replacement error.
15	3/4/2016	Kshitij	Pass		Total number of students option in admin view is		If a student applies for leave or resumes services then the number is



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					working properly.		changing accordingly.
16	3/4/2016	Piyush	Pass		Poll results option is working properly.		The addition of votes is being carried correctly.
17	3/4/2016	Tapan	Pass		Delete Items option working properly.		
18	3/4/2016	Tapan	Pass		Feedback option working properly.		

*[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?	Comments
1	3/4/2016	Rajan	Fail	Low	Links at the Bottom of the view	<Yes> or <No>	

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					does not work		
2	3/4/2016	Rajan	Pass		Delete Items option working properly.		
3	3/4/2016	Rajan	Fail		Change Menu option is not working		Unable to upload new Image for Menu. No filter in upload image picker DialogBox .This may lead to privacy issues.
4	3/4/2016	Rajan	Fail		Fast food/Jain Food request Use case Missing		Option absent in the student view and the admin view.

*[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? <a href="#">[This</a>	Comments
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						column will be filled by the dev team.]	
						<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?	Comments
1	3/4/2016	Kshitij	Fail	Low	The user login is taking around 4-5 seconds depending on the internet speed.	<Yes> or <No>	As there is a single database query, the login should not take this much time.
2	3/4/2016	Kshitij	Fail	High	The upload menu option in admin view is vulnerable to security flaws.		The option should provide a image picker but it is providing a general file picker. This exposes the system to malware

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							and Trojans.
3	3/4/2016	Kshitij	Pass		All the other options are working with acceptable speeds.		

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

### 4.6 USER LOGIN

The table below summarizes the test cases employed for [module 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	3/4/2016	Kshitij	Pass		The user login is working for all possible inputs.	<Yes> or <No>	Expected output is produced based on the input.

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

### 4.8 UPLOAD MENU

The table below summarizes the test cases employed for [module testing](#) and the test results obtained for each test case:

Test Case ID	Date Tested	Tester	Pass/Fail	Severity of Defect [Low/	Summary of Defect	Closed prior to	Comments
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				Medium/ High]		Production Release?	
1	3/4/2016	Kshitij	Fail	High	The upload menu button is working but the image upload is a failure for any image format.	<Yes> or <No>	The image upload fails independent of the image format and the picker is a file picker and not a image picker.

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

### 4.9 POLLING

The table below summarizes the test cases employed for [module 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	3/4/2016	Kshitij	Fail	Medium	The start and stop polling option is not working.	<Yes> or <No>	The student is able to vote for a menu even if the polling is stopped.
2	3/4/2016	Kshitij	Fail	High	The student polling has logical errors.		Student is able to vote for a menu multiple times. This will cause

							an error in the polling results.
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## 5.0 VARIANCES

*[Describe any variances between the testing that was planned and the testing that actually occurred. Also, provide an assessment of the manner in which the test environment may be different from the operational environment and the effect of this difference on the test results.]*

## 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

- First try to resolve all the errors that have a high severity and hence going downwards.
- Depending on the internet speed the layout of the UI does not load properly. We suggest to optimize the PHP script and reduce image and icon sizes so that the pages load faster.
- the UI does not provide pop-ups to describe the state of actions. For ex- if a user selects an option like upload menu there is no pop-up message displaying whether the upload was successful or not.

## 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>