EVENT MANAGEMENT SYSTEM

TEST REPORT

Version *2.0*
04/04/2016

VERSION HISTORY

Version #	Implemented By	Revision Date
1.0	*Team 9*	*04/04/2016*
2.0	*Team 4*	*12/04/2016*

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1.0 INTRODUCTION

1.1 PURPOSE

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

2.0 TEST PLAN

The project was tested against provided SRS for implementation details of different use cases. Several input outputs were checked to check control flow and data flow and domain testing. The code implementation was verified using the mentioned activity and sequence diagrams.

3.0 TEST ASSESSMENT

All implemented and possible testing components and techniques were checked.

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.

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	29/3/16	Makarand	Pass	High	No defect	Yes	Sign up
2	29/3/16	Nikhil	Pass	High	No defect	Yes	Login
3	29/3/16	Rajkumar	Fail	Medium	Different interpretation of of Login page from SRS	Yes	Login page should be made in accordance with SRS
4	30/3/16	Ravi	Pass	High	No defect	Yes	Event Register
5	30/3/16	Nikhil	Fail	High	No option for Add Event (button) available for admin. Not implemented.	Yes{It was already there}	Add Event
6	1/4/16	Rajkumar	Pass	Medium	No defect	Yes	Notification
7	1/4/16	Makarand	Pass	Low	No defect	Yes	Automated Schedule Generation
8	2/4/16	Makarand	Pass	High	No defect	Yes	View Database
9	3/4/16	Ravi	Fail	High	No Option for deleting user(button) for admin. Not implemented. ***********	Yes{It was already there}	Delete User
10	3/4/16	Nikhil	Pass	High	No defect	YES	View Details

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	31/3/16	Makarand	Pass	High	No defect	Yes	Login, Register, View Events (Functional correctness and completeness)
2	31/3/16	Makarand	Pass	Medium	No defect	Yes	Data Integrity
3	1/4/16	Nikhil	Pass	Medium	No defect	Yes	View database (Backup and recovery)
4	1/4/16	Ravi	Pass	High	No defect	Yes	(Confidentiality and recoverability)
5	2/4/16	Rajkumar	Pass	Medium	No defect	Yes	Upgradability
6	2/4/16	Rajkumar	Fail	High	Class diagrams missing	Yes	SRS Documentation
7	3/4/16	Makarand	Pass	Medium	No defect	Yes	Maintainability
8	3/4/16	Ravi	Fail	Low	Repeated use of "Please" in Registration form	Yes	Removal of "Please" required
9	3/4/16	Rajkumar	Fail	Low	In-proper position of errors	Yes	Errors should be displayed

							at the nearest possible location
10	4/4/16	Nikhil	Fail	Low	Colour and Space utilisation in not appropriate	Yes	Colour and space utilisation should be appropriate
11	4/4/16	Ravi	Fail	Low	Same colour used for the error representation	Yes	Error should be displayed by different colour preferably by Red
12	4/4/16	Makarand	Fail	Low	Misspelled words in Instruction	Yes	Instructions should not have incorrect spelling

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

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	1/4/16	Makarand	Pass	Medium	Load	Yes	Large database handled
2	1/4/16	Rajkumar	Pass	Medium	Stress	Yes	Large number of users
4	1/4/16	Nikhil	Pass	Medium	Volume	Yes	Sufficiently Large amount of data handled
5	2/4/16	Makarand	Pass	Medium	Scalability	Yes	Can be used by and scaled to large number of users
6	3/4/16	Rajkumar	Pass	Medium	Endurance	Yes	Extra working efficiency

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?	Comments
1	27/3/16	Nikhil	Fail	Medium	Different users login with	Yes	Email-Id cross-checking is required

					the same Email Id		
2	27/3/16	Makarand	Fail	Medium	Admin already login still Register and Login page is accessible	Yes	Sessions should be properly created and page accessibility should be modified
3	28/3/16	Rajkumar	Fail	Medium	Phone Number entry not verified	Yes	More than ten digits should not be allowed except in case of (+91)
4	28/3/16	Ravi	Fail	Low	Pdf file is uploaded but not displayed	No	File formatting checking should be incorporated
5	28/3/16	Nikhil	Fail	Medium	Any digits for phone number is accepted	No	Valid number should be accepted
6	29/3/16	Rajkumar	Fail	Medium	Invalid Email Id is accepting like "ug201310025@gmail.com.com	No	Valid Email Id should be accepted
7	29/3/16	Makarand	Fail	Medium	Admin registration for events link active and directed to some exception page	Yes	Admin should not be given link to events to register / should remain on same page

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

6.1   RESOLVED TEST INCIDENTS

1. We resolved the error that admin was not able to register for an event.
2. We resolved the error that admin home page was not showing admin's name on the top but instead showing register and login options.
3. We rectified the error that more than one user was able to register with the same email-id.
4. We removed the unused and inappropriate spaces on the admin.
5. We changed the colour of error messages to red.
6. We removed the unnecessary occurrence of "Please " in the form.
7. We completed the SRS.

6.2   UNRESOLVED TEST INCIDENTS

1. We couldn't resolve the error that the email and phone number entered should be valid, though we have maintained a check that both of them are in proper format but we couldn't check if it exist or not.
2. We could not create a check on which file format is being uploaded on the profile picture.

7.0   RECOMMENDATIONS

1. The documents should contain enough information so that after reading it any new person can understand and test the software. Like here missing of "Class Diagram" which is necessary to understand the interaction between use cases.
2. software should be made according to the SRS (like don't use other words for buttons stated in SRS please adhere to them only).
3. Use different colour to show the errors and space should be used in a proper manner.
4. Before submitting for the testing phase check whether all the use cases were implemented as mentioned in the SRS.
5. Mention the type of images should be uploaded on the software.
6. Self Inspection should also be done.
7. When user De-register for any event, user must get notification in their Mail Id.

APPENDIX A: REFERENCES

The following table summarizes the documents referenced in this document.

Document Name	Version	Description
Test_Report_Mess _Management_Sys tem	*1.0*	*First set of testing after first phase of development of software according to SRS and Clients expectations*

APPENDIX B: KEY TERMS

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

Term	Definition
[Data Integrity]	*[The overall completeness, accuracy and consistency of data .]*
[Scalability]	*[The capability of a system, network, or process to handle a growing amount of work .]*
[Endurance]	*[Behaviour of the system when a significant load extended over a significant period of time .]*
[Stress]	*[To determine the robustness of softwareby testing beyond the limits of normal operation.]*
[Load]	*[To understand the behavior of the application under a specific expected load.]*