*institute cultural event management*

Test report

Version <*2.0>*

*<04/08/2017>*

VERSION HISTORY

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| --- | --- | --- |
| **Version #** | **Implemented**  **By** | **Revision**  **Date** |
| 1.0 | Amol Thakur | *04/08/2017* |
| 2.0 | Harshit Singh | 21/08/2017 |
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# 1.0 Introduction

## 1.1 Purpose

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

# 2.0 Test PLAN

1. Goal : To identify defects in particular modules such as classes and functions
2. Goal : To ensure smooth interaction among modules
3. Goal: To ensure that the System Requirement Specification document is consistent with the implemented software
4. Goal: To ensure that the User Interface Design principles are not violated

# 3.0 Test CASE Selection

1. Login: Testing login functionality is important because access should be provided to only authenticated users and any error in this functionality can crash the whole software. Test cases with both valid and invalid credentials are selected.
2. Event Selection: This functionality should be tested because it allows users to register for events and any error in this functionality can lead to chaos during the festival. Test cases were selected to ensure user is able to register for all events and no user should be able to register for an event more than once.
3. Event Generation: This functionality is important because it allows admin to create new events. Test cases were selected to ensure user is able to register for new events generated by the admin.
4. Downloading Schedule: This functionality should be tested because it allows user to download the schedule of the events they have registered for as any conflict in the schedule can lead to chaos during the festival.
5. User Registration: This functionality should be tested because it allows user to register on the website. Test cases were selected to ensure that user is able to register only with valid credentials.

# 4.0 Test Results

Number of tests conducted: 12

Number of tests failed: 4

Number of tests passed: 8

Number of bugs detected: 3

# 

## LOGIN

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Intended Result | Actual Result | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Comments |
| T1.1 | Assert that  attempt to  login as a  participant  with valid  credentials  succeeds | Attempt to login as  Participant  with valid  credentials  successful | Pass | NA | NA | NA |
| T1.2 | Assert that  attempt to  login as a  participant  with invalid  credentials  fails | Attempt to login as  Participant  with invalid  credentials  failed | Pass | NA | NA | NA |

## EVENT selection

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Intended Result | Actual Result | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Comments |
| T2.1 | Registration for an event  by participant  for the first time is successful | Registration for an event by participant  is successful | Pass | NA | NA | NA |
| T2.2 | Registration  for a new event created  by the admin  is successful | Participant cannot see the new event created by the admin and thus cannot register | Fail | High | As the events  have been hardcoded  user is not able to see newly created events | The code should  not be  hardcoded  to allow the participants to register for new events |
| T2.3 | Assert that the participant is  able to view the events he has registered for succeeds | Participant is  not able to see  the details of  the events he  has registered  for. | Fail | High | Participant is only able  to see the  details of  the event at  the time of  registration,  not after  that | The link to check the details of any event is accessible |

## event generation

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Intended Result | Actual Result | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Comments |
| T3.1 | Assert that the new event created by the admin succeeds | New event created by the admin is only visible in the database | Pass | NA | NA | NA |
| T3.2 | Assert that the new event created by the admin is visible to the  participant | New event  created by  the admin  is not visible  to the admin  or participant | Fail | High | The events  have been hardcoded | The code should  not be  hardcoded |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Intended Result | Actual Result | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Comments |
| T4.1 | Assert that the schedule to be downloaded  is successful | Attempt to  download the schedule  is successful | Pass | NA | NA | This functionality  is not mentioned  in the SRS but  implemented in  the website |
| T4.2 | Assert that  the new event  created by the  admin is  reflected on  the schedule | New event  created by  the admin  has no  effect on the schedule. | Fail | High | The schedule generated is rigid and does not changes | The pdf generated  is not flexible and  should change  with the addition  of any event. |

* 1. **DOWNLOAD SCHEDULE**
  2. **PARTICIPANT REGISTRATION**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Intended Result | Actual Result | Pass/Fail | Severity of Defect [Low/ Medium/ High] | Summary of Defect | Comments |
| T5.1 | Assert that  attempt to  register with  valid credentials is  successful | Attempt to  register with  with valid  credentials  successful | Pass | NA | NA | NA |
| T5.2 | Assert that  attempt to  register with  with duplicate  email id  fails | Attempt to  register with  duplicate  email id  gives error  message | Pass | NA | NA | The error message  shown should  be informative |
| T5.3 | When both  password  fields do not match the user should not able to register | The user is  not able to  register until  both the  password  fields match | Pass | NA | NA | NA |

# 5.0 HEURISTIC UX tESTING

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID | Issue | Heuristics | Severity |
| UT1 | When user tries to register with duplicate email id the error message displayed does not express the intent | **Help users recognize, diagnose, and recover from errors** | Intermediate |
| UT2 | If a participant registers for an event he should be granted the freedom to deregister | User control and freedom | High |
| UT3 | When a new event is created by the admin participant is not able to view the changes | Visibility of system status | High |

# 6.0 Test Instances

The major issues/errors that occurred during the testing of the project were:

1. The newly created events by the admin are not visible to the participant and hence he is not able to register for these events.
2. The participant can see details of a particular event only at the time of it’s registration and not after that.
3. If a user tries to register with already registered email id he is not provided with relevant information.

## Resolved Test Incidents

|  |  |  |
| --- | --- | --- |
| Test Case ID | Summary of Defect | Resolution Taken |
| T2.3 | Participant is not able to see the details of the events he has registered  for. | Separate link buttons have been added to index page to view the details of the event without logging in |
| T2.3 | the participant is NOT able to view the events he has registered for. | An improved dashboard gives the list of events already registered for. |

## Unresolved Test Incidents

|  |  |  |
| --- | --- | --- |
| Test Case ID | Summary of Defect | Why not resolved |
| T2.2, T3.2,UT-3 | Participant cannot see the new event created by the admin and thus cannot register | In order to resolve this issue the architecture of the software needs to be changed. Moreover this is an assumption that a new event created will not be reflected until coded. |
| T4.2 | Assert that the new event  created by the admin is  reflected on the schedule | The schedule is not generated by the software the software only provides the facility to display the schedule |
| UT1 | When user tries to register with duplicate email id the error message displayed does not express the intent | Irrelevant |
| UT2 | If a participant registers for an event he should be granted the freedom to deregister | Irrelevant |