**StarContests.com**

***If it’s not here it’s not happening.***

***System Test Plan v1.1***

***Team 8***

**Instructor - Prof. Asim Banerjee**

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# D​OCUMENT D​​ESCRIPTION

This a document detailing a systematic approach to testing a system. It typically contains a detailed understanding of the eventual workflow. It documents the strategy that will be used to verify and ensure that the system meets its design specifications and other requirements. We have listed down the test cases that will be implemented to verify various requirements, the pre-requisites and the expected outputs.

# R​EVISION H​​ISTORY

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| --- | --- | --- |
| **Version** | **Author** | **Date** |
| Version 1 | Rachit, Krupal, Soham, Prachi | 20 February, 2015 |
| Review Version 1 | Yash | 21 February, 2015 |

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# G​LOSSARY

1. Test Case ID: Signifies the Case ID of the test case.

1. Prerequisite: The condition which must be satisfied before the execution of the test

case.

1. Description: Briefly describes the test case.

1. Expected Output: The output that should be achieved.

# M​ODULES TO BE TESTED

1. Accessing the homepage

1. Sign in

1. Registration (online)

1. User Specific Tests

* 1. update profile(achievements, interests, subscriptions, previous events, personal details)

* 1. Register for an event

* 1. Change password

* 1. Create an event

* 1. Contact the organizer

* 1. Be a sub organizer

* 1. Be a volunteer

* 1. Checking in the ‘My committee’ account

1. Guest user tests

# T​EST C​​ASES D​​ESCRIPTION

1. Accessing the homepage

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| **Test**  **Case**  **ID** | **Test Case** | **Prerequisite** | **Data to be**  **Tested** | **Expected Output** |
| T-1 | Entering incorrect | User uses web browser to navigate | URL | Browser will show the error message that page not |
|  | URL | web pages. |  | found or different site will open |
| T-2 | Entering correct URL | User uses web browser to navigate web pages. | URL | Home page of the website will be displayed by the  browser |

1. Sign In

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| --- | --- | --- | --- | --- |
| **Test**  **Case**  **ID** | **Test Case** | **Prerequisite** | **Data to be Tested** | **Expected Output** |
| T-3 | Blank  Password | Every Registered user has E-mail Id and password stored in the database | Email Id and  Password | An Error message will be displayed on the screen asking user to re-enter the E-mail Id and Password |
| T-4 | Invalid  Password | Every Registered user has E-mail Id and password stored in the database | Email id and  Password | An Error message will be displayed on the screen asking user to re-enter the E-mail Id and Password |
| T-5 | Correct  Email Id &  Password | The user has registered to this site. | Email id and  Password | The homepage of the user will be displayed |
| T-6 | Forgot password | Forgot password button clicked | Value of the forgotten password button, Email  Id | Email sent to email id containing new password |

1. Sign Up(Online)

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| **Test**  **Case**  **ID** | **Test Case** | **Prerequisite** | **Data to be**  **Tested** | **Expected Output** |
| T-7 | invalid email id | Register button clicked | email id | A message will be displayed - to input the correct email id. |
| T-8 | Short Password or different passwords in  the 1​st​ & 2​nd iteration | Register button clicked | Match the  Password typed in the 1st iteration with the password in the  2​nd​ iteration | An error message - that the passwords typed differ. |
| T-9 | email id already registered | Register button clicked | email id | Message - that the user is already registered. |
| T-10 | Successful registration | Valid and correct data in all the data fields | Email Id ,  Password,  Subscription | A message will be displayed - that you have successfully registered and database is updated , redirected to login page, email notification will be sent for the confirmation. |

1. User specific tests

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| **Test**  **Case ID** | **Test Case** | **Prerequisite** | **Data to be Tested** | **Expected Output** |
| T-11 | Create a contest/tourn ament/event | User must be registered on the website. | After submitting the essential details such as event name, Estimated expenditure, date  etc an alert will be shown to the organizer showing that an event is already scheduled on the same date. Other important details will also be checked by the admin. | Page redirection to sign up form. |
| T-12 | Discover contests/tour naments/even  ts | Click a button or search for a  particular  contest/event by entering the  category in the text field on the home page. | location of the computer should be accessible and if not permitted by the user, user is asked to enter the location manually | list of all the  contests/tourna ments/events corresponding to the location and category of the event. |
| T-13 | Changing password | The new password must not be same as the old password. | The password | The user is able to change the password successfully and carry on with the activities. |

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| T-14 | register for a contest/tourn ament/event | all the details should  be filled for registering for an event and the id proof on the profile should be present. | registration details, user profile on the website | if not filled or id proof not present, prompt the user to complete and then register him. if, registered successfully, send an email notification. |
| T-15 | Contact the organizer | Any query related to the event will be sent through message to the organizer. Message should not be empty. | Message sent by the user regarding his query | Message successfully sent. We will reply you soon and an email to the organizer including message If the message  successfully sent otherwise error will be shown. |

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| T-16 | Be a sub organizer | User must be registered on the website and must click on the button  ‘Be a suborganizer’. | Person’s profile will be checked by the organizer and whether he is suitable for the task or not will be  decided accordingly. The organizer will be able to see the past records(past events suborganized) of the applicant. | The request to be a suborganizer will be sent to the organizer as a notification and once he approves or does not approve, that notification will be sent to the person who applied to be a sub-organizer (also via email). |
| T-17 | Create a contest/tourn ament/event. |  | email notification and also the event added in the respective category | Once the event is created, it should be added in the list of events in the respective category and available to the users. If, the event is not updated, user should report an error. |
| T-18 | Be a volunteer | User must be registered on the website and must click on the button ‘Be a volunteer’. | Person’s profile will be checked by the organizer/sub organizer so as to decide if the  applicant is | The request to be a volunteer will be sent to the organizer/sub organizer as a |

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|  |  |  | suitable for required task. | notification and once he approves or does not approve, that notification will be sent to the person who applied to be a volunteer (also via email). |
| T-19 | Checking in the My Committee account | the user must either be an organizer or a suborganizer. | a need to check whether the user is an organizer or a sub-organizer. Only then will he/she be given access. | The user, either an organizer or a sub-organizer successfully logs into the My Committee account. Other users are not able to access the my committee. |
|  | Link for the event | if any user(including guest) accesses the link for an event. | the link for an event is accessed | event page is displayed |
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4. Database

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| --- | --- | --- | --- | --- |
| **Test**  **Case** | **Test Case** | **Prerequisite** | **Data to be Tested** | **Expected Output** |
| **ID** |  |  |  |  |
| T-20 | register for a contest, create a contest, sign up, log in, Any type of participation(line volunteer, sub organizer, participant etc. ) in an event | Database modification | Database | Triggers should be run and database should be updated and the expected output should be shown. |