**Acceptance Testing Documentation**

**Scope, Objectives, and Acceptance criteria**

The scope of this test plan is to identify any tests that need to be carried out before the testing can commence, within this will be the need to identify the systems uses from the admins perspective as well as from the client’s perspective. The objectives of this test plan are to ensure that all the code is fully functioning and that the BD25 system is meeting all the client/stakeholders’ requirements. The acceptance testing criteria for this is to perform many tests to ensure that all of the functions on the system are properly displaying everything the way that they should. An example of one of the tests that can be performed on the admin side of the system is checking if the functionality for adding a DIG member onto the system, and an example of a test to be performed on the client side of the system is to check if the client can view the information that is being dynamically loaded onto the system from the database.

**Test scenarios and cases**

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| **Requirement ID** | **Requirement description** | **Priority** |
| R1 | Dynamically load activities from the database. | High |
| R2 | Add new activities onto the system. | High |
| R3 | Edit activities onto the system. | High |
| R4 | Delete activities that are currently on the system. | High |
| R5 | Load DIG members for an activity from the txt file. | High |
| R6 | Add DIG members to an activity. | High |
| R7 | Remove DIG members from an activity. | High |
| R8 | View a log for each data search. | Low |
| R9 | Search data capture for a specific activity. | High |

**Entry/exit criteria**

The entry criteria for starting the testing are to download all of the source code and upload it to Xampp in order to run the system. The exit requirements to the testing are that all of the source code should be tested, and any errors should be logged into log files.

**Test Plan**

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| --- | --- | --- | --- | --- |
| **Test case** | **Input provided by user** | **Expected output** | **Actual output** | **Test outcome** |
| R1 | Running the coding file. | Load all activities onto the system. | It loaded all activities onto the system. | Pass |
| R2 | Click the ‘add activity’ button. | A window pops up prompting the user to add the information onto the system for a new activity. | A window pops up prompting the user to enter new event details. | Pass |
| R3 | Click the ‘edit activity’ button. | A window pops up prompting the user to edit an activity’s details. | Unfortunately the expected outcome did not present as intended. | Fail (This is due to the code unfortunately not having the function to provide an edit activity button.) |
| R4 | Click the ‘remove activity’ button. | A window pops up prompting the user to remove an activity off the systems database. | When the ‘remove activity’ button is pressed then the activity will be removed from the admin and client GUI and also the database itself. | Pass |
| R5 | Click the ‘Display DIG members’ button. | Shows the user a window that lists all DIG members. | Shows the user a window that lists all the DIG members alongside the activities they represent. | Pass |
| R6 | Input a DIG members name and their activity and then click the ‘Add DIG member’ button. | When the list DIG members are displayed the added DIG member will also be displayed in the list. | The added DIG member is displayed on the end of the list of current DIG members. | Pass |
| R7 | Input the DIG members name and activity and then click the ‘remove DIG member’ button. | The removed DIG member will no longer present itself at any point within the DIG member list. | The removed DIG member is no longer displayed at any point within the DIG member list. | Pass |
| R8 | Load CSV file and choose an event within the search function. | At the base of the event details panel the log details will appear within the log console. | Once loaded the log console prints text to show what the log details are. | Pass |
| R9 | Load CSV file and choose an event within the search function. | Within the event details panel all of the event statistics will be displayed. | The event details panel displays the event name, number of tickets sold, number of tickets used, positive feedback percentage, number of social media mentions, the number of volunteers involved in the event, and the average age of the people that attend the event. | Pass |