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Dhaka University Physical Education Center Digitalization

Software Test Plan and Test Case Design Report
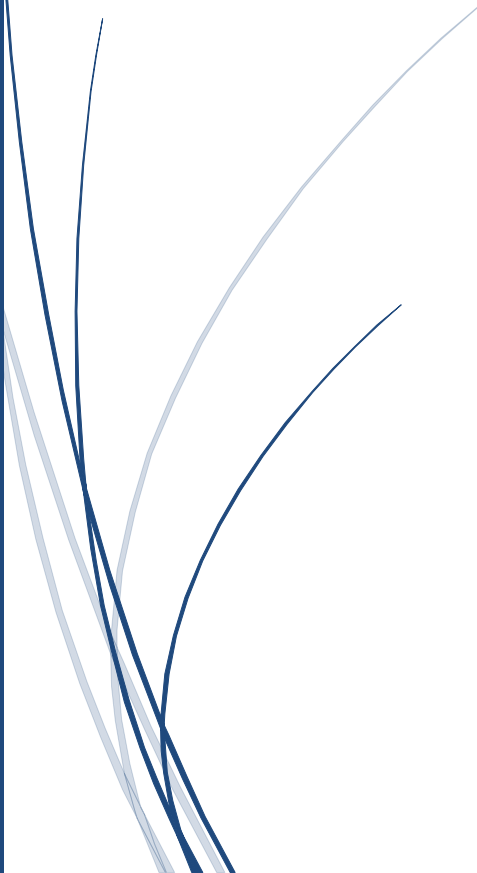
Dhaka University Physical Education Center Digitalization

Software Test Plan and Test Case Design Report

Submitted To

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IIT
University of Dhaka

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Chapter 1: Test Planning

Test Item to be tested
Name: Dhaka University Physical Education Center Digitalization
Type: Web Application
Version: 1.0

About the Project

The Dhaka University Physical Education Center Digitalization provides a process to register in the system, fixture, maintaining account, providing roll based interface to the users, displaying update of fixtures and scores.

Main concerns of the project is-
- ✓ Registration of the executive officer
- ✓ Registration of the client(teacher, student)
- ✓ Authentication of users
- ✓ Profile management of the users
- ✓ Score update of all types of game
- ✓ Hall annual sports result management
- ✓ Fixture management
- ✓ Communication management between executive officer and user
- ✓ Field reservation management
- ✓ Sport participation management
- ✓ Swimming pool management
- ✓ Live update of game scores

Features to be tested

1. Authentication
2. Game management
3. Communication management
4. Score management

Features not to be tested

1. Mailing system

Approach

Since our test item is a website, we will test it locally using the XAMPP server. We will divide the functionalities into modules and test each feature using **Black Box Testing**. The test cases will be prepared with **Robustness Testing**. The input specifications will be prepared using the specifications acquired from the SRS.

Item Pass Fail Criteria

If 90% of the prepared tested cases pass, then we can consider the project as a whole to pass

Test Deliverables

Our deliverable documents are:

1. **Test plan:** We have attached following points with the test plan-

   - ➢ Introduction
   - ➢ Test-Item to be tested
   - ➢ Features to be tested
   - ➢ Features not to be tested
   - ➢ Approach
   - ➢ Item Pass and Fail Criteria
   - ➢ Test deliverables
   - ➢ Testing tasks
   - ➢ Responsibilities
   - ➢ Scheduling
   - ➢ Risks and contingencies
   - ➢ Testing costs

2. **Test case specifications:** We have attached 102 test cases within our project scope. A test case specification has-

   - ➢ Test case Specification Identifier
   - ➢ Purpose
   - ➢ Special Environmental
   - ➢ Special Procedural Requirements
   - ➢ Inter-case Dependencies
   - ➢ Input Specifications
   - ➢ Test Procedure
   - ➢ Output Specifications

Testing Tasks

Preparing and setting up system environment: Before executing the test cases we have to prepare the server, which is a local XAMPP server with an associated database.

Tasks for test case

The features will be divided into three modules of testing.

Testing Authentication: refers to executive officer, teacher and student registration, login and password reset process testing

Testing Game Management: refers to swimming pool, fixtures, hall annual sports, field reservation process testing

Testing Communication Management System: refers to sports participation applicant management for department

Testing Score Management: refers to score management process testing of all type of games

Responsibilities

Our team consists of three members. So, all of us have high responsibilities in this project.

Member	Responsibilities
Suravi Akhter	❖ Preparing test cases for Authentication System ❖ Preparing test cases for score management ❖ Managing test team ❖ Preparing test plan
Shuvradeb Saha	❖ Preparing test cases for game management ❖ Providing environmental need ❖ Executing test plan ❖ Preparing test plan
Tulsi Chandra Das	❖ Preparing test cases for communication management System ❖ Executing test plan ❖ Preparing test plan

Scheduling

Time estimation to perform testing task:

Test Task	Estimated time (day)	Date
Defining team responsibilities	1	(09/11/2018) – (10/11/2018)
Defining test plan	2	(10/11/2018) – (12/11/2018)
Preparing test case	2	(12/11/2018) – (14/11/2018)
Executing test case	1	(14/11/2018) – (15/11/2018)
Preparing report	2	(15/11/2018) – (17/11/2018)

Risks and Contingencies

For some risks of this project there are some changes and consequences in the plan-

Time shortage: There was lack of time to prepare the test plan and test case specifications.

Test case amount: The number of tests performed has been reduced.

Defect amount: The number of acceptable defects has been increased for less test case and limited scope.

Testing cost

Cost of planning and designing the tests of this project is very small since it is a small academic project.

Cost to support the environment: Since it is web-based software, we need internet connection to support the environment. So, the cost is to maintain internet connection in order to continue the testing.

Cost of executing the tests: We did not need any executing test cost.

Cost of recording and analyzing the test results: In the testing procedure, we have prepared a test case specification and also a test plan for this Dhaka University Physical Education Center Automation system. So, it requires a good amount of cost for preparing the document and delivering the document.

Chapter 2: Test Case Designing

Test design specification (Subsystem: Authentication)

Serial No.	Functionality	Use case no. in SRS	Test cases	Status
1.	Login to the system	1.1	T1, T2, T3, T4	Pass
2.	Register to the system	1.1.2	T5,T6,T7,T8,T9,T10,T11, T12,T13,T14	Bug found in T12,T13, T14
3.	View new user request	1.1.2	T15	Pass
4.	Approve new user	1.1.2	T16	Pass
5.	Select forget password option	1.1.1	T17	Pass
6.	Request recovery code	1.1.1	T18,T19	pass
7.	Entering recovery code	1.1.1	T20,T21	pass
8.	Entering new password	1.1.1	T22, T23	pass
9.	Logout from the system	1.1	T24	pass

Reference Use Cases (Subsystem: Authentication)
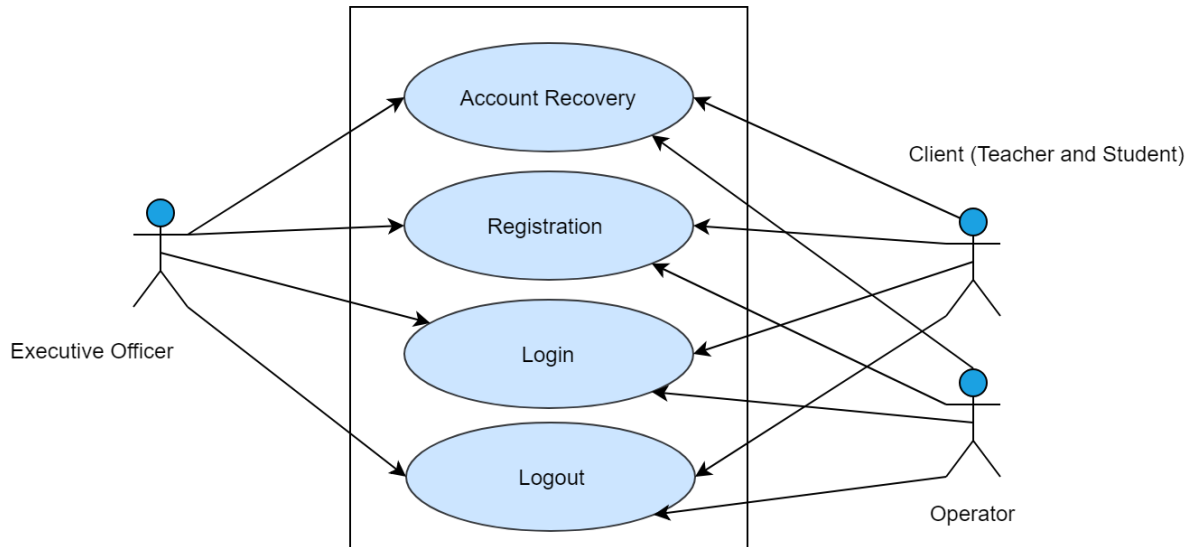
Figure 1: Use case level-1.1 (Authentication)
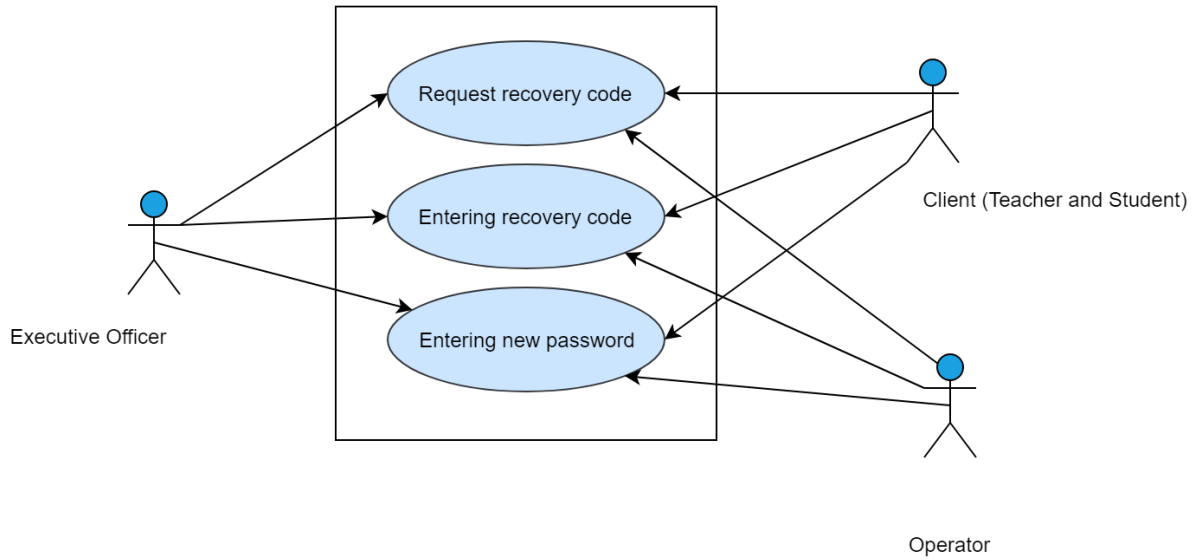
Figure 2: Use case level-1.1.1 (Account Recovery)
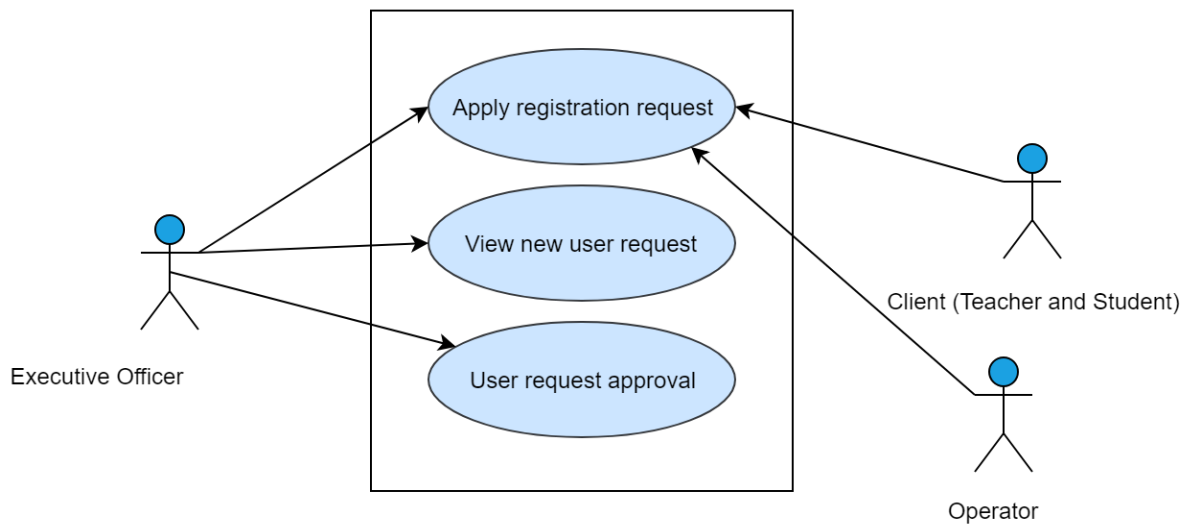
Figure 3: Use case level - 1.1.2 (Registration)

Test specifications (Subsystem: Authentication)

Table 1: Test specifications of T1

Test case Specification Identifier	T1
Purpose	To check the functionality of 'Login the system'
Test Items Needed	Refer Usecase-1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Enter email and password within 5 to 15 characters as given below: tulshidas37@gmail.com iit123
Test Procedure	Choose 'Sign in' option Enter user name and password and then press 'Login' button
Expected Output Specifications	User logged in and view user home page
Actual Output	User logged in and view user home page

Table 2: Test specifications of T2

Test case Specification Identifier	T2
Purpose	To check the functionality of 'Login the system'
Test Items Needed	Refer Usecase-1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Enter Username within 5 to 30 characters (user name is not in the database) and Enter password within 5 to 15 characters as given below: Rahim Uddin Kalam Khan iit123
Test Procedure	Choose 'Sign in' option Enter user name and password and then press 'Login' button
Expected Output Specifications	Show invalid username alert and show this one is not registered member
Actual Output	Show invalid username alert and show this one is not registered member

Table 3: Test specifications of T3

Test case Specification Identifier	T3
Purpose	To check the functionality of 'Login the system'
Test Items Needed	Refer Usecase-1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Enter Username within 5 to 30 characters and Enter password within 5 to 15 characters (password does not match in the database) as given below: Nadia Nahar Hello1111
Test Procedure	Choose 'Sign in' option Enter user name and password and then press 'Login' button
Expected Output Specifications	Show wrong password alert and provide options to recover password
Actual Output	Show wrong password alert and provide options to recover password

Table 4: Test specifications of T4

Test case Specification Identifier	T4
Purpose	To check the functionality of 'Login the system'
Test Items Needed	Refer Usecase-1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Enter Username within 5 to 30 characters (username does not match in the database) and Enter password within 5 to 15 characters (password does not match in the database) as given below: Nadia Nahar Hello1111
Test Procedure	Choose 'Sign in' option Enter user name and password and then press 'Login' button
Expected Output Specifications	Show wrong password and user name alert
Actual Output	Show wrong password and user name alert

Table 5: Test specifications of T5

Test case Specification Identifier	T5
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain A-Z, a-z and space within 5 to 30 characters Username contains any character within 5 to 15 character Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character within 5 to 15 character Confirm password is same as password as given below: Tulshi Das tulshi tulshidas37@gmail.com iit123 iit123
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 6: Test specifications of T6

Test case Specification Identifier	T6
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain number, A-Z, a-z and space within 5 to 30 characters Username contains any character within 5 to 15 character Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character within 5 to 15 character Confirm password is same as password as given below: Shaishab Saha 123 Shaishab sahashaishab@gmail.com iit123 iit123
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show invalid name alert
Actual Output	Show invalid name alert

Table 7: Test specifications of T7

Test case Specification Identifier	T7
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain A-Z, a-z and space less than 5 characters Username contains any character within 5 to 15 character Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character within 5 to 15 character Confirm password is same as password as given below: Nipa Suravi suravi.nipa@gmail.com Iit123 Iit123
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show invalid name alert
Actual output	Show invalid name alert

Table 8: Test specifications of T8

Test case Specification Identifier	T8
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain A-Z, a-z and space greater than 30 characters Username contains any character within 5 to 15 character Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character within 5 to 15 character Confirm password is same as password as given below: Nipaaa ssaaaaaaa aaaddd daaaaaa ddssa Suravi nipa@gmail.com Iit123 Iit123
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show invalid name alert
Actual Output	Show invalid name alert

Table 9: Test specifications of T9

Test case Specification Identifier	T8
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain A-Z, a-z and space within 5 to 30 characters Username contains any character less than 5 character Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character within 5 to 15 character Confirm password is same as password as given below: Nipa Suravi nipa nipa@gmail.com Iit123 Iit123
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show invalid user name alert
Actual Output	Show invalid user name alert

Table 10: Test specifications of T10

Test case Specification Identifier	T10
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain A-Z, a-z and space within 5 to 30 characters Username contains any character greater 15 character Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character within 5 to 15 character Confirm password is same as password as given below: Suravi nipa@gmail.dfenmandmma nipa@gmail.com Iit123 Iit123
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show invalid user name alert
Actual Output	Show invalid user name alert

Table 11: Test specifications of T11

Test case Specification Identifier	T11
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain A-Z, a-z and space within 5 to 30 characters Username contains any characters within 5 to 15 character Email ≠ [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character within 5 to 15 character Confirm password is same as password as given below: Suravi nipa@gmail.dfenmandmma nipa@gmail.com.ehem Iit123 Iit123
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show invalid email alert
Actual Output	Show invalid email alert

Table 12: Test specifications of T12

Test case Specification Identifier	T12
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain A-Z, a-z and space within 5 to 30 characters Username contains any characters within 5 to 15 character Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character less than 5 character Confirm password is same as password as given below: Suravi nipa@gmail.dfenmandmma nipa@gmail.com iit iit
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show invalid password alert
Actual Output	Show success message

Table 13: Test specifications of T13

Test case Specification Identifier	T13
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain A-Z, a-z and space within 5 to 30 characters Username contains any characters within 5 to 15 character Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character greater than 15 character Confirm password is same as password as given below: Suravi nipa@gmail.dfenmandmma nipa@gmail.com iit2323g2u4g2u43u23ug43u2 iit2323g2u4g2u43u23ug43u2
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show invalid password alert
Actual Output	Show success message

Table 14: Test specifications of T14

Test case Specification Identifier	T14
Purpose	To check the functionality of 'Register to the system'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Name contain A-Z, a-z and space within 5 to 30 characters Username contains any characters within 5 to 15 character Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Password contains any character greater than 15 character Confirm password does not match with password as given below: Suravi nipa@gmail.dfenmandmma nipa@gmail.com iit2323 iit23
Test Procedure	Choose 'Sign Up' option Enter user name and password and then press 'Register' button
Expected Output Specifications	Show password and confirm password didn't match alert
Actual Output	Show success message

Table 15: Test specifications of T15

Test case Specification Identifier	T15
Purpose	To check the functionality of 'view user request option'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	None
Test Procedure	Choose 'view user request' option and press 'Action' button
Expected Output Specifications	View requested user list
Actual Output	View requested user list

Table 16: Test specifications of T16

Test case Specification Identifier	T16
Purpose	To check the functionality of 'approve user request'
Test Items Needed	Refer Usecase-1.1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	None
Test Procedure	Press 'Approve' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 17: Test specifications of T17

Test case Specification Identifier	T17
Purpose	To check the functionality of 'forget password'
Test Items Needed	Refer Usecase-1.1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	None
Test Procedure	Press 'Forgot password' button
Expected Output Specifications	Prompt user to enter user email
Actual Output	Prompt user to enter user email

Table 18: Test specifications of T18

Test case Specification Identifier	T18
Purpose	To check the functionality of 'request recovery code'
Test Items Needed	Refer Usecase-1.1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Forgot password' must be executed prior to the current test case.
Inter-case Dependencies	T17 test case must be executed prior to the current test case execution
Input Specifications	Enter user registered email as shown below- nipa@gmail.com
Test Procedure	Press 'Send mail' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 19: Test specifications of T19

Test case Specification Identifier	T19
Purpose	To check the functionality of 'request recovery code'
Test Items Needed	Refer Usecase-1.1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Forgot password' must be executed prior to the current test case.
Inter-case Dependencies	T17 test case must be executed prior to the current test case execution
Input Specifications	Enter user registered email (email is not exist in the database) as shown below- nilaaa@gmail.com
Test Procedure	Press 'Send mail' button
Expected Output Specifications	Show invalid email alert message
Actual Output	Show invalid email alert message

Table 20: Test specifications of T20

Test case Specification Identifier	T20
Purpose	To check the functionality of 'entering recovery code'
Test Items Needed	Refer Usecase-1.1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'request recovery code' must be executed prior to the current test case
Inter-case Dependencies	T18 test case must be executed prior to the current test case execution
Input Specifications	Enter recovery code as shown below- 23456
Test Procedure	Press 'verify' button
Expected Output Specifications	Prompt user to enter new password
Actual Output	Prompt user to enter new password

Table 21: Test specifications of T21

Test case Specification Identifier	T21
Purpose	To check the functionality of 'entering recovery code'
Test Items Needed	Refer Usecase-1.1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'request recovery code' must be executed prior to the current test case
Inter-case Dependencies	T18 test case must be executed prior to the current test case execution
Input Specifications	Enter recovery code(recovery code doesn't match with sent code) as shown below- 23444
Test Procedure	Press 'verify' button
Expected Output Specifications	Show invalid code alert
Actual Output	Show invalid code alert

Table 22: Test specifications of T22

Test case Specification Identifier	T22
Purpose	To check the functionality of 'entering new password'
Test Items Needed	Refer Usecase-1.1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'entering recovery code' must be executed prior to the current test case
Inter-case Dependencies	T20 test case must be executed prior to the current test case execution
Input Specifications	Enter the new password within 5 to 15 character as given below- Iiiiii123
Test Procedure	Press 'Set password' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 23: Test specifications of T23

Test case Specification Identifier	T23
Purpose	To check the functionality of 'entering new password'
Test Items Needed	Refer Usecase-1.1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'entering recovery code' must be executed prior to the current test case
Inter-case Dependencies	T20 test case must be executed prior to the current test case execution
Input Specifications	Enter the new password less than 5 characters as given below- nipa
Test Procedure	Press 'Set password' button
Expected Output Specifications	Show invalid password alert
Actual Output	Show invalid password alert

Table 24: Test specifications of T24

Test case Specification Identifier	T24
Purpose	To check the functionality of 'logout from the system'
Test Items Needed	Refer Usecase-1.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	none
Test Procedure	Press 'logout' button
Expected Output Specifications	User logged out and show external home page
Actual Output	User logged out and show external home page

Test design specification (Subsystem: Game management)

Serial No.	Functionality	Use case no. in SRS	Test cases	Status
1.	Register for swimming pool member	1.2	T25	Pass
2.	Apply for swimming pool member	1.2.1	T26, T27, T28, T29	Pass
3.	View student request for swimming pool member	1.2.1	T30	Pass
4.	Approve registration request for swimming pool member	1.2.1	T31	Pass
5.	Remove request for swimming pool member	1.2.1	T32	Bug found in T32
6.	Search student request for swimming pool member	1.2.1	T33, T34	Pass
7.	Fixture management	1.2	T35	Pass
8.	Create announcement	1.2.2	T36	Pass
9.	Publish fixture announcement	1.2.2	T37	Pass
10.	Hall annual sport	1.2	T38	Pass
11.	Create list of winner and rank	1.2.3	T39, T40, T41, T42, T43, T44, T45, T46, T47	Pass
12.	View hall annual sport result	1.2.3	T48	Pass
13.	Field reservation	1.2	T49	Pass
14.	Apply for field reservation	1.2.4	T49, T50, T51, T52, T53, T54,T55	Pass
15.	View field reservation request	1.2.4	T56	Pass
16.	Approve field reservation request	1.2.4	T57	Pass
17.	Remove field reservation request	1.2.4	T58	Pass

Reference Use Cases (Subsystem: Game management)
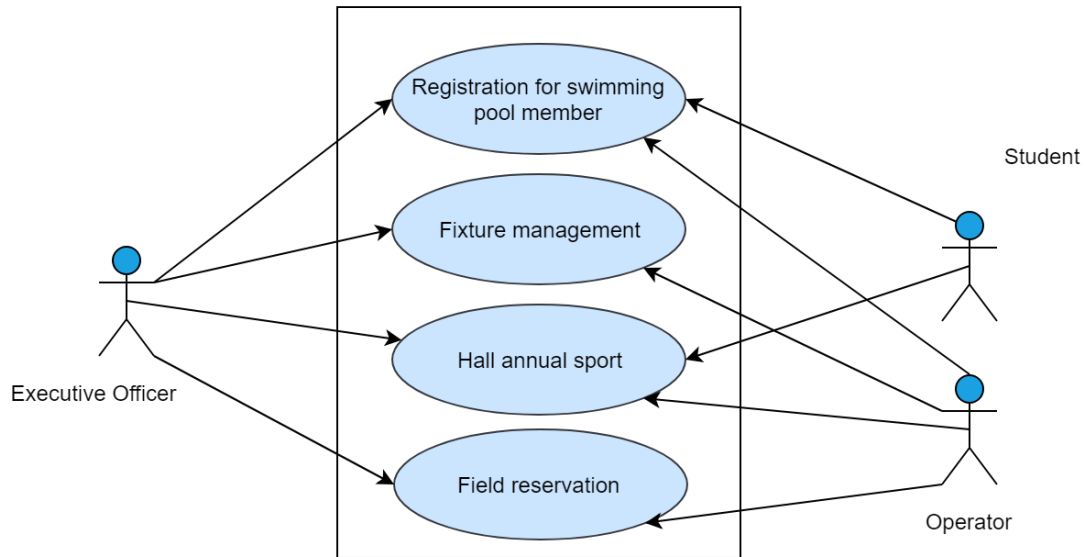
Figure 4: Use case level-1.2 (Game Management)
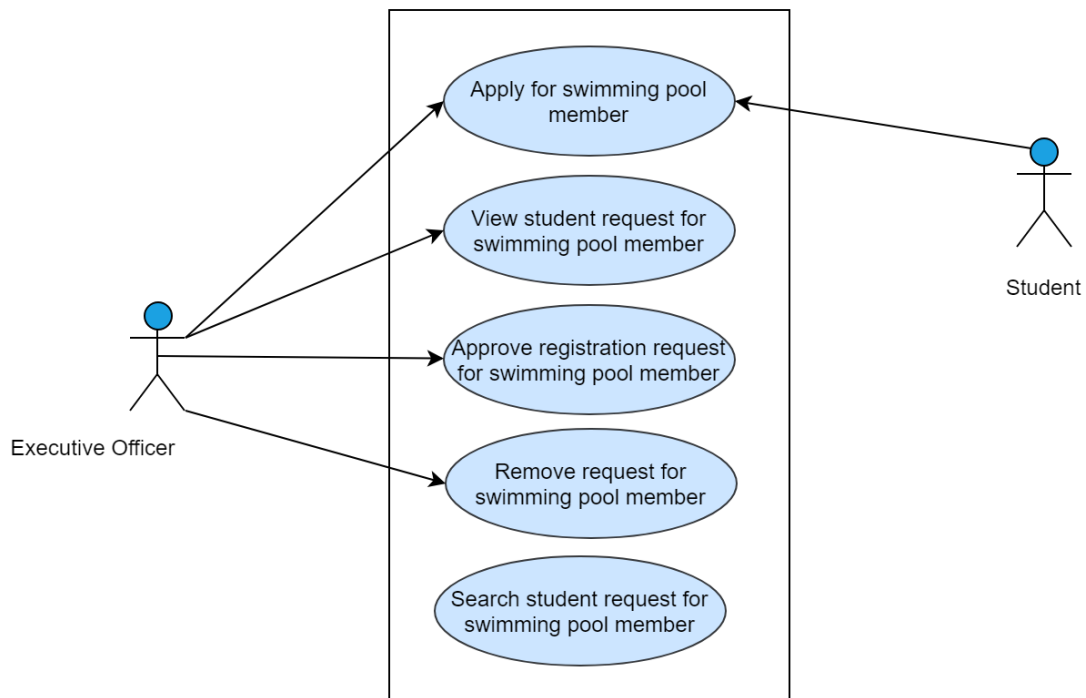
Figure 5: Use case level-1.2.1 (Swimming pool registration)
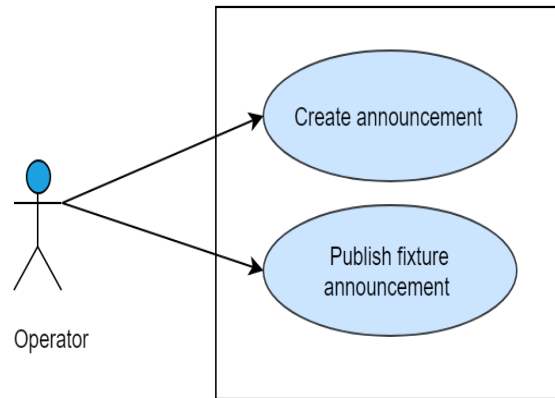
Figure 6: Use case level-1.2.2 (Fixture Management)
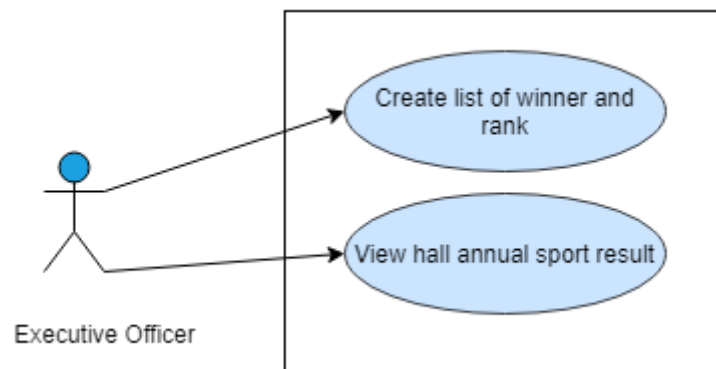
Figure 7: Use case level – 1.2.3 (Hall annual sport)
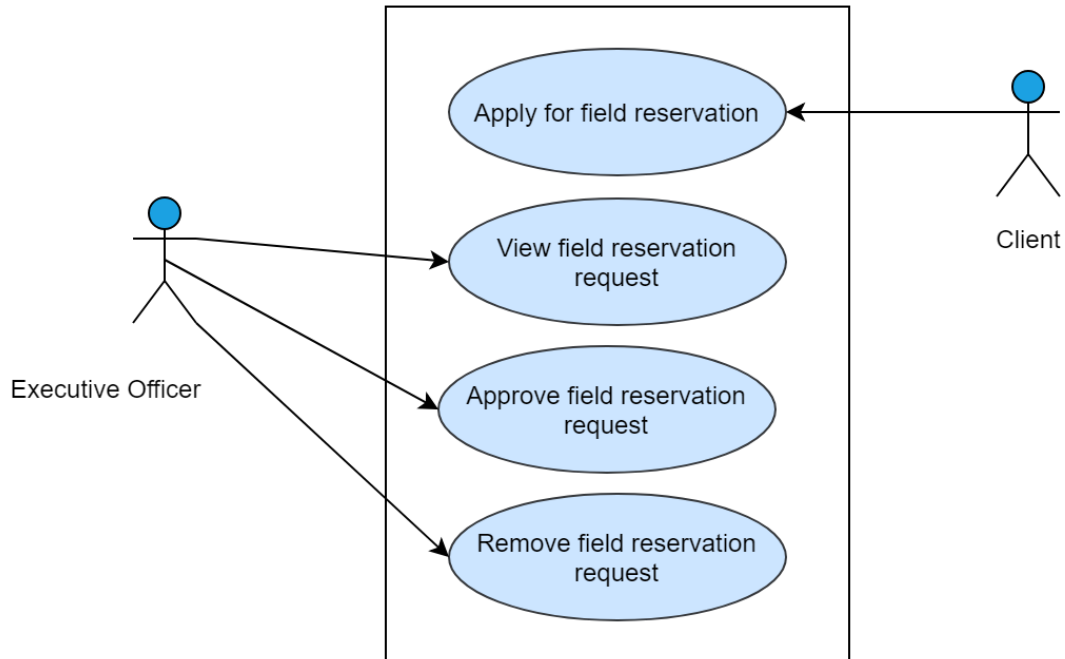
Figure 8: Use case level-1.2.4 (Field Reservation)

Test specifications (Subsystem: Game management)

Table 25: Test specifications of T25

Test case Specification Identifier	T25
Purpose	To check the functionality of 'Apply for swimming pool member'
Test Items Needed	Refer Usecase-1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	
Inter-case Dependencies	-
Input Specifications	none
Test Procedure	Press 'Register to swimming pool' button
Expected Output Specifications	Prompt user for giving registration data
Actual Output	Prompt user for giving registration data

Table 26: Test specifications of T26

Test case Specification Identifier	T26
Purpose	To check the functionality of 'Registration of swimming pool'
Test Items Needed	Refer Usecase-1.2.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Apply for swimming pool member' must be executed prior to the current test case
Inter-case Dependencies	T25 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters, department contains characters only within 50 characters, year contains number and character only within 5 character and address contains characters only within 100 characters As shown below- Suravi Akhter Software engineering 3rd Sufia Kamal Hall, University of Dhaka
Test Procedure	Press 'Sign Up' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 27: Test specifications of T27

Test case Specification Identifier	T27
Purpose	To check the functionality of 'Registration of swimming pool'
Test Items Needed	Refer Usecase-1.2.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Apply for swimming pool member' must be executed prior to the current test case
Inter-case Dependencies	T25 test case must be executed prior to the current test case execution
Input Specifications	Name contains number , department contains characters only within 50 characters, year contains number and character only within 5 character and address contains characters only within 100 characters

As shown below-

Nipa123

Software engineering

3rd

Sufia Kamal Hall, University of Dhaka |
Test Procedure	Press 'Sign Up' button
Expected Output Specifications	Show invalid name alert message
Actual Output	Show invalid name alert message

Table 28: Test specifications of T28

Test case Specification Identifier	T28
Purpose	To check the functionality of 'Registration of swimming pool'
Test Items Needed	Refer Usecase-1.2.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Apply for swimming pool member' must be executed prior to the current test case
Inter-case Dependencies	T25 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters , department contains number, year contains number and character only within 5 character and address contains characters only within 100 characters As shown below- Suravi Akhter Software engineering123 3rd Sufia Kamal Hall, University of Dhaka
Test Procedure	Press 'Sign Up' button
Expected Output Specifications	Show invalid department name alert message
Actual Output	Show invalid department name alert message

Table 29: Test specifications of T29

Test case Specification Identifier	T29
Purpose	To check the functionality of 'Registration of swimming pool'
Test Items Needed	Refer Usecase-1.2.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Apply for swimming pool member' must be executed prior to the current test case
Inter-case Dependencies	T25 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters , department contains character within 50 characters, year contains number and character only within 5 character and address contains number only As shown below- Suravi Akhter Software engineering123 3rd 123343743827438
Test Procedure	Press 'Sign Up' button
Expected Output Specifications	Show invalid address alert message
Actual Output	Show invalid address alert message

Table 30: Test specifications of T30

Test case Specification Identifier	T30
Purpose	To check the functionality of 'View student request for swimming pool member'
Test Items Needed	Refer Usecase-1.2 .1in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	none
Test Procedure	Press 'view request' button
Expected Output Specifications	View requested user list
Actual Output	View requested user list

Table 31: Test specifications of T31

Test case Specification Identifier	T31
Purpose	To check the functionality of 'approve request for being swimming pool member'
Test Items Needed	Refer Usecase-1.2.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'View student request for swimming pool member' must be executed prior to the current test case
Inter-case Dependencies	T30 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'approve' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Test case Specification Identifier	T32
Purpose	To check the functionality of 'remove request for being swimming pool member'
Test Items Needed	Refer Usecase-1.2.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'View student request for swimming pool member' must be executed prior to the current test case
Inter-case Dependencies	T30 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'remove' button
Expected Output Specifications	Show success message
Actual Output	Show error message

Table 33: Test specifications of T33

Test case Specification Identifier	T33
Purpose	To check the functionality of 'Search student request for swimming pool member'
Test Items Needed	Refer Usecase-1.2.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'View student request for swimming pool member' must be executed prior to the current test case
Inter-case Dependencies	T30 test case must be executed prior to the current test case execution
Input Specifications	Enter student name in search bar as shown below- Suravi
Test Procedure	Press 'search' button
Expected Output Specifications	Show student information
Actual Output	Show student information

Table 34: Test specifications of T34

Test case Specification Identifier	T34
Purpose	To check the functionality of 'Search student request for swimming pool member'
Test Items Needed	Refer Usecase-1.2.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'View student request for swimming pool member' must be executed prior to the current test case
Inter-case Dependencies	T30 test case must be executed prior to the current test case execution
Input Specifications	Enter student name (isn't in the database) in search bar as shown below- nipa
Test Procedure	Press 'search' button
Expected Output Specifications	Show no student found message
Actual Output	Show no student found message

Table 35: Test specifications of T35

Test case Specification Identifier	T35
Purpose	To check the functionality of 'Fixture management'
Test Items Needed	Refer Usecase-1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	none
Test Procedure	Press 'Fixture management' button
Expected Output Specifications	Prompt user for writing announcement
Actual Output	Prompt user for writing announcement

Table 36: Test specifications of T36

Test case Specification Identifier	T36
Purpose	To check the functionality of 'Create announcement'
Test Items Needed	Refer Usecase-1.2.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	Announcement contains characters only as shown below Football tournament between SE and CSE will be held on 28th November, 2018.
Test Procedure	Check input field is not null
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 37: Test specifications of T37

Test case Specification Identifier	T37
Purpose	To check the functionality of 'Publish announcement'
Test Items Needed	Refer Usecase-1.2.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Create announcement' must be executed prior to the current test case
Inter-case Dependencies	T36 test case must be executed prior to the current test case execution
Input Specifications	None
Test Procedure	Press 'publish announcement' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 38: Test specifications of T38

Test case Specification Identifier	T38
Purpose	To check the functionality of 'Hall Annual Sports'
Test Items Needed	Refer Usecase-1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Create announcement' must be executed prior to the current test case
Inter-case Dependencies	-
Input Specifications	None
Test Procedure	Press 'Hall Annual Sports' button
Expected Output Specifications	View hall annual sports results
Actual Output	View hall annual sports results

Table 39: Test specifications of T39

Test case Specification Identifier	T39
Purpose	To check the functionality of 'Create list of sports winner and rank'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Hall Annual Sports' must be executed prior to the current test case
Inter-case Dependencies	T38 test case must be executed prior to the current test case execution
Input Specifications	None
Test Procedure	Press 'create winner list' button
Expected Output Specifications	Prompt user to provide student information
Actual Output	Prompt user to provide student information

Table 40: Test specifications of T40

Test case Specification Identifier	T40
Purpose	To check the functionality of 'Create list of sports winner and rank'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function Create list of sports winner and rank' must be executed prior to the current test case
Inter-case Dependencies	T39 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters, Hall name contains characters only within 5 to 30 characters, Department name contains character only can't be null, Registration number contains number only can't be null, Roll number contains number only can't be null, Game name contains character only and Rank contains number and character as shown below- Suravi Akhter Sufia Kamal Hall Software Engineering 2015018021 827 Race competition 1st
Test Procedure	Press 'Add' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 41: Test specifications of T41

Test case Specification Identifier	T41
Purpose	To check the functionality of 'Create list of sports winner and rank'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function Create list of sports winner and rank' must be executed prior to the current test case
Inter-case Dependencies	T39 test case must be executed prior to the current test case execution
Input Specifications	Name contains number,
	Hall name contains characters only within 5 to 30 characters,
	Department name contains character only can't be null,
	Registration number contains number only can't be null,
	Roll number contains number only can't be null,
	Game name contains character only and
	Rank contains number and character
	as shown below-
	Suravi Akhter123
	Sufia Kamal Hall
	Software Engineering
	2015018021
	827
	Race competition
	1st
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid name alert message
Actual Output	Show invalid name alert message

Table 42: Test specifications of T42

Test case Specification Identifier	T42
Purpose	To check the functionality of 'Create list of sports winner and rank'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function Create list of sports winner and rank' must be executed prior to the current test case
Inter-case Dependencies	T39 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters, Hall name contains number, Department contains characters only within 5 to 30 characters, Registration number contains number only can't be null, Roll number contains number only can't be null, Game name contains character only and Rank contains number and character as shown below- Suravi Akhter Sufia Kamal Hall123@# Software Engineering 2015018021 827 Race competition 1st
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid hall name alert message
Actual Output	Show invalid hall name alert message

Table 43: Test specifications of T43

Test case Specification Identifier	T43
Purpose	To check the functionality of 'Create list of sports winner and rank'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function Create list of sports winner and rank' must be executed prior to the current test case
Inter-case Dependencies	T39 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters, Hall name contains characters only within 5 to 30 characters, Department name contains number, Registration number contains number only can't be null, Roll number contains number only can't be null, Game name contains character only and Rank contains number and character as shown below- Suravi Akhter Sufia Kamal Hall Software Engineering12232ffwrwerw3 2015018021 827 Race competition 1st
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid department name message
Actual Output	Show invalid department name message

Table 44: Test specifications of T44

Test case Specification Identifier	T44
Purpose	To check the functionality of 'Create list of sports winner and rank'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function Create list of sports winner and rank' must be executed prior to the current test case
Inter-case Dependencies	T39 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters, Hall name contains characters only within 5 to 30 characters, Department name contains character only can't be null, Registration number contains character, Roll number contains number only can't be null, Game name contains character only and Rank contains number and character as shown below- Suravi Akhter Sufia Kamal Hall Software Engineering 20cderg15018021 827 Race competition 1st
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid registration number message
Actual Output	Show invalid registration number message

Table 45: Test specifications of T45

Test case Specification Identifier	T45
Purpose	To check the functionality of 'Create list of sports winner and rank'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function Create list of sports winner and rank' must be executed prior to the current test case
Inter-case Dependencies	T39 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters, Hall name contains characters only within 5 to 30 characters, Department name contains character only can't be null, Registration number contains number only can't be null, Roll number contains character, Game name contains character only and Rank contains number and character as shown below- Suravi Akhter Sufia Kamal Hall Software Engineering 2015018021 82vbdh Race competition 1st
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid roll number message
Actual Output	Show invalid roll number message

Test case Specification Identifier	T46
Purpose	To check the functionality of 'Create list of sports winner and rank'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function Create list of sports winner and rank' must be executed prior to the current test case
Inter-case Dependencies	T39 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters,
	Hall name contains characters only within 5 to 30 characters,
	Department name contains character only can't be null,
	Registration number contains number only can't be null,
	Roll number contains number only can't be null,
	Game name contains number and
	Rank contains number and character
	as shown below-
	Suravi Akhter
	Sufia Kamal Hall
	Software Engineering
	2015018021
	827
	Race12193u competition
	1st
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid game name message
Actual Output	Show invalid game name message

Table 47: Test specifications of T47

Test case Specification Identifier	T47
Purpose	To check the functionality of 'Create list of sports winner and rank'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function Create list of sports winner and rank' must be executed prior to the current test case
Inter-case Dependencies	T39 test case must be executed prior to the current test case execution
Input Specifications	Name contains characters only within 5 to 30 characters, Hall name contains characters only within 5 to 30 characters, Department name contains character only can't be null, Registration number contains number only can't be null, Roll number contains number only can't be null, Game name contains character only and Rank contains special character as shown below- Suravi Akhter Sufia Kamal Hall Software Engineering 2015018021 827 Race competition 1st @#
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid rank message
Actual Output	Show invalid rank message

Table 48: Test specifications of T48

Test case Specification Identifier	T48
Purpose	To check the functionality of 'View hall annual sports result'
Test Items Needed	Refer Usecase-1.2.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Hall Annual Sports' must be executed prior to the current test case
Inter-case Dependencies	T38 test case must be executed prior to the current test case execution
Input Specifications	None
Test Procedure	Press 'view result' button
Expected Output Specifications	View winner student list of previous year
Actual Output	View winner student list of previous year

Table 49: Test specifications of T49

Test case Specification Identifier	T49
Purpose	To check the functionality of 'Field Reservation'
Test Items Needed	Refer Usecase-1.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	None
Test Procedure	Press 'field reservation' button
Expected Output Specifications	View field reservation page
Actual Output	View field reservation page

Table 50: Test specifications of T50

Test case Specification Identifier	T50
Purpose	To check the functionality of 'Apply for field reservation'
Test Items Needed	Refer Usecase-1.2.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Field Reservation' must be executed prior to the current test case
Inter-case Dependencies	T49 test case must be executed prior to the current test case execution
Input Specifications	None
Test Procedure	Press 'Reserve' button
Expected Output Specifications	Prompt user to enter user organization name, email, purpose and time when they want the field
Actual Output	Prompt user to enter user organization name, email, purpose and time when they want the field

Table 51: Test specifications of T51

Test case Specification Identifier	T51
Purpose	To check the functionality of 'Apply for field reservation'
Test Items Needed	Refer Usecase-1.2.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Field Reservation' must be executed prior to the current test case
Inter-case Dependencies	T49 test case must be executed prior to the current test case execution
Input Specifications	Organization name contains character only, Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Purpose contains character only and Time contains date and time period as given below- Institute of Information Technology iit@du.ac.bd Annual Sport Program 23/11/18 full day
Test Procedure	Press 'Confirm' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 52: Test specifications of T52

Test case Specification Identifier	T52
Purpose	To check the functionality of 'Apply for field reservation'
Test Items Needed	Refer Usecase-1.2.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Field Reservation' must be executed prior to the current test case
Inter-case Dependencies	T49 test case must be executed prior to the current test case execution
Input Specifications	Organization name contains number, Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Purpose contains character only and Time contains date and time period as given below- Institute of Information Technology123 iit@du.ac.bd Annual Sport Program 23/11/18 full day
Test Procedure	Press 'Confirm' button
Expected Output Specifications	Show invalid organization name message
Actual Output	Show invalid organization name message

Table 53: Test specifications of T53

Test case Specification Identifier	T53
Purpose	To check the functionality of 'Apply for field reservation'
Test Items Needed	Refer Usecase-1.2.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Field Reservation' must be executed prior to the current test case
Inter-case Dependencies	T49 test case must be executed prior to the current test case execution
Input Specifications	Organization name contains character only, Email $\neq$ [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Purpose contains character only and Time contains date and time period as given below- Institute of Information Technology iit@du.ac.bd.def Annual Sport Program 23/11/18 full day
Test Procedure	Press 'Confirm' button
Expected Output Specifications	Show invalid email alert message
Actual Output	Show invalid email alert message

Table 54: Test specifications of T54

Test case Specification Identifier	T54
Purpose	To check the functionality of 'Apply for field reservation'
Test Items Needed	Refer Usecase-1.2.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Field Reservation' must be executed prior to the current test case
Inter-case Dependencies	T49 test case must be executed prior to the current test case execution
Input Specifications	Organization name contains character only, Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Purpose contains number only and Time contains date and time period as given below- Institute of Information Technology iit@du.ac.bd 1231284179bdjwfgu1289381 23/11/18 full day
Test Procedure	Press 'Confirm' button
Expected Output Specifications	Show invalid purpose message
Actual Output	Show invalid purpose message

Table 55: Test specifications of T55

Test case Specification Identifier	T55
Purpose	To check the functionality of 'Apply for field reservation'
Test Items Needed	Refer Usecase-1.2.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Field Reservation' must be executed prior to the current test case
Inter-case Dependencies	T49 test case must be executed prior to the current test case execution
Input Specifications	Organization name contains character only, Email = [a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$ Purpose contains character only and Time contains special character as given below- Institute of Information Technology iit@du.ac.bd Annual Sport Program 23/11/18 fu@@@$% day$$
Test Procedure	Press 'Confirm' button
Expected Output Specifications	Show invalid time alert message
Actual Output	Show invalid time alert message

<p style="text-align: center;">**Table 56: Test specifications of T56**</p>

Test case Specification Identifier	T56
Purpose	To check the functionality of 'View field reservation Request'
Test Items Needed	Refer Usecase-1.2.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Field Reservation' must be executed prior to the current test case
Inter-case Dependencies	T49 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'View Request' button
Expected Output Specifications	View request list
Actual Output	View request list

<p style="text-align: center;">**Table 57: Test specifications of T57**</p>

Test case Specification Identifier	T57
Purpose	To check the functionality of 'Approve field reservation request'
Test Items Needed	Refer Usecase-1.2.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'View field reservation Request' must be executed prior to the current test case
Inter-case Dependencies	T56 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'Approve' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 58: Test specifications of T58

Test case Specification Identifier	T58
Purpose	To check the functionality of 'Remove field reservation request'
Test Items Needed	Refer Usecase-1.2.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'View field reservation Request' must be executed prior to the current test case
Inter-case Dependencies	T56 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'Remove' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Test design specification (Subsystem: Communication management)

Serial No.	Functionality	Use case no. in SRS	Test cases	Status
1.	Sport applicant participation	1.3	T59	Pass
2.	Compose message	1.3	T60,T61,T62,T63, T64,T65	Pass
3.	Sent message to department	1.3	T66	Pass

Reference Use Cases (Subsystem: Communication management)
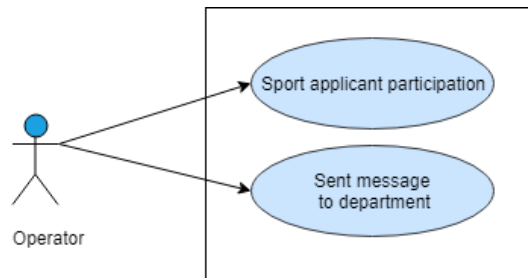
Figure 9: Use case level-1.3 (Communication Management)

Test specifications (Subsystem: Communication management)

Table 59: Test specifications of T59

Test case Specification Identifier	T59
Purpose	To check the functionality of 'Sport applicant participation'
Test Items Needed	Refer Usecase-1.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	none
Test Procedure	Press 'Sport Applicant' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 60: Test specifications of T60

Test case Specification Identifier	T60
Purpose	To check the functionality of 'Compose message'
Test Items Needed	Refer Usecase-1.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Sport applicant participation' must be executed prior to the current test case
Inter-case Dependencies	T59 test case must be executed prior to the current test case execution
Input Specifications	Department name contains character and space within 10 to 40 character, Game name contains character within 3 to 15 character, Time of the game contains date and time, Game details contains text, Message contains text and Email contains the department email where operator wants to sent message as given below- Software Engineering Cricket 23/11/18 (3.00pm) Cricket match Your department is invited to participate in the game iit@du.ac.bd
Test Procedure	Press 'Sent message button' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 61: Test specifications of T61

Test case Specification Identifier	T61
Purpose	To check the functionality of 'Compose message'
Test Items Needed	Refer Usecase-1.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Sport applicant participation' must be executed prior to the current test case
Inter-case Dependencies	T59 test case must be executed prior to the current test case execution
Input Specifications	Department name contains number, Game name contains character within 3 to 15 character, Time of the game contains date and time, Game details contains text, Message contains text and Email contains the department email where operator wants to sent message as given below- Software Engineering123462376 Cricket 23/11/18 (3.00pm) Cricket match Your department is invited to participate in the game iit@du.ac.bd
Test Procedure	Press 'Sent message' button
Expected Output Specifications	Show invalid department name message
Actual Output	Show invalid department name message

Table 62: Test specifications of T62

Test case Specification Identifier	T62
Purpose	To check the functionality of 'Compose message'
Test Items Needed	Refer Usecase-1.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Sport applicant participation' must be executed prior to the current test case
Inter-case Dependencies	T59 test case must be executed prior to the current test case execution
Input Specifications	Department name contains character and space within 10 to 40 character, Game name contains number, Time of the game contains date and time, Game details contains text, Message contains text and Email contains the department email where operator wants to sent message as given below- Software Engineering Cricket123445 23/11/18 (3.00pm) Cricket match Your department is invited to participate in the game iit@du.ac.bd
Test Procedure	Press 'Sent message button' button
Expected Output Specifications	Show invalid game name alert message
Actual Output	Show invalid game name alert message

Table 63: Test specifications of T63

Test case Specification Identifier	T63
Purpose	To check the functionality of 'Compose message'
Test Items Needed	Refer Usecase-1.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Sport applicant participation' must be executed prior to the current test case
Inter-case Dependencies	T59 test case must be executed prior to the current test case execution
Input Specifications	Department name contains character and space within 10 to 40 character, Game name contains special character, Time of the game contains date and time, Game details contains text, Message contains text and Email contains the department email where operator wants to sent message as given below- Software Engineering Cricket@#$! 23/11/18 (3.00pm) Cricket match Your department is invited to participate in the game iit@du.ac.bd
Test Procedure	Press 'Sent message button' button
Expected Output Specifications	Show invalid game name alert message
Actual Output	Show invalid game name alert message

Table 64: Test specifications of T64

Test case Specification Identifier	T64
Purpose	To check the functionality of 'Compose message'
Test Items Needed	Refer Usecase-1.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Sport applicant participation' must be executed prior to the current test case
Inter-case Dependencies	T59 test case must be executed prior to the current test case execution
Input Specifications	Department name contains character and space within 10 to 40 character, Game name contains character within 3 to 15 character, Time of the game contains special character, Game details contains text, Message contains text and Email contains the department email where operator wants to sent message as given below- Software Engineering 23/11/18 (3.00pm@#$) Cricket match Your department is invited to participate in the game iit@du.ac.bd
Test Procedure	Press 'Sent message button' button
Expected Output Specifications	Show invalid time alert message
Actual Output	Show invalid time alert message

Table 65: Test specifications of T65

Test case Specification Identifier	T65
Purpose	To check the functionality of 'Compose message'
Test Items Needed	Refer Usecase-1.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Sport applicant participation' must be executed prior to the current test case
Inter-case Dependencies	T59 test case must be executed prior to the current test case execution
Input Specifications	Department name contains character and space within 10 to 40 character,
	Game name contains character within 3 to 15 character, Time of the game contains date and time, Game details contains text, Message contains text and Email contains the department email(invalid) where operator wants to sent message as given below- Software Engineering
	23/11/18 (3.00pm)
	Cricket match
	Your department is invited to participate in the game
	eheehnm@com.bd
Test Procedure	Press 'Sent message button' button
Expected Output Specifications	Show invalid email alert message
Actual Output	Show invalid email alert message

Table 66: Test specifications of T66

Test case Specification Identifier	T66
Purpose	To check the functionality of 'Sent message to department'
Test Items Needed	Refer Usecase-1.3 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Compose message' must be executed prior to the current test case
Inter-case Dependencies	T60 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'Sent message' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Test design specification (Subsystem: Score management)

Serial No.	Functionality	Use case no. in SRS	Test cases	Status
1.	Score management	1.4	T67	Pass
2.	Cricket Match	1.4	T68	Pass
3.	Match management	1.4.1	T69,T70,T71,T72, T73,T74,T75	Bug found at T71 and T72
4.	Score update	1.4.1	T76,T77,T78,T79, T80,T81,T82,T83	Pass
5.	Athletic	1.4	T84	Pass
6.	Insert winner	1.4.2	T85,T86,T87,T88, T89,T90	Bug found at T88,T89,T90
7.	Edit winner	1.4.2	T91,T92	Bug found at T92
8.	Remove winner	1.4.2	T93	Pass
9.	Volleyball	1.4	T94	Pass
10.	Insert volleyball match details	1.4.3	T95,T96,T97,T98, T99	Pass
11.	Edit volleyball match details	1.4.3	T100,T101	Pass
12.	Remove volleyball match details	1.4.3	T102	Pass

Reference Use Cases (Subsystem: Score management)
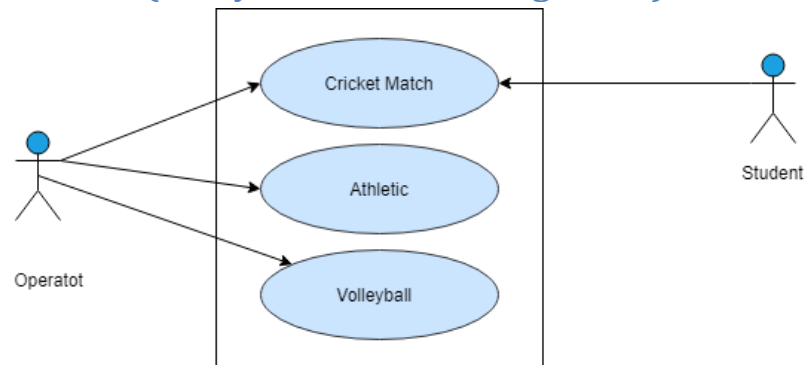
Figure 10: Use case level-1.4 (Score management)
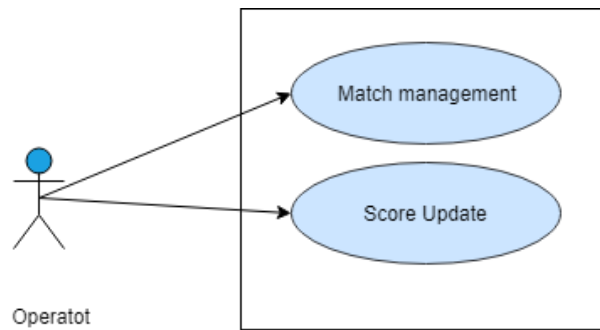
Figure 11: Use case level-1.4.1 (Cricket Match)
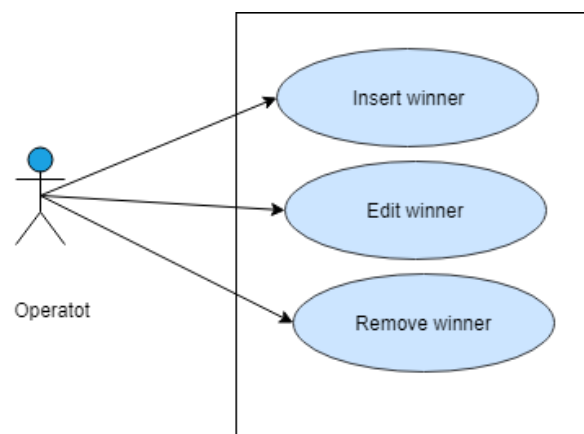
Figure 12: Use case level-1.4.2 (Athletic)
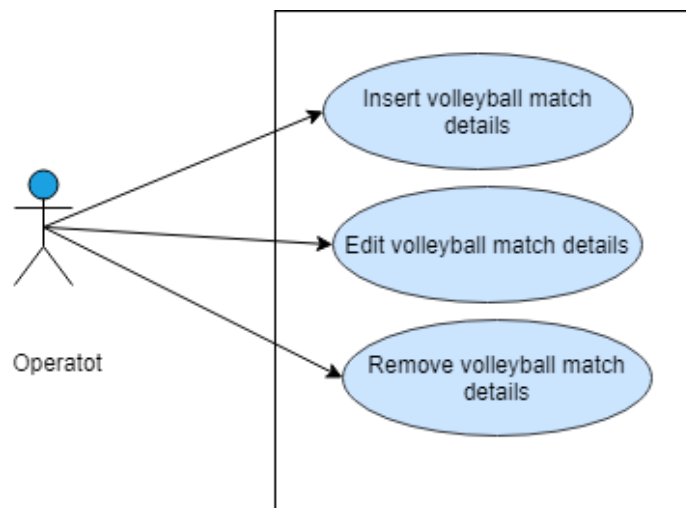
Figure 13: Use case level-1.4.3 (Volleyball)

Test specifications (Subsystem: Score management)

Table 67: Test specifications of T67

Test case Specification Identifier	T67
Purpose	To check the functionality of 'Score management'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	none
Test Procedure	Press 'Score management' button
Expected Output Specifications	Go to score management page
Actual Output	Go to score management page

Table 68: Test specifications of T68

Test case Specification Identifier	T68
Purpose	To check the functionality of 'Cricket Match'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Score Management' must be executed prior to the current test case
Inter-case Dependencies	T67 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'Cricket' button
Expected Output Specifications	Go to cricket management page
Actual Output	Go to cricket management page

Table 69: Test specifications of T69

Test case Specification Identifier	T69
Purpose	To check the functionality of 'Match management'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Cricket match' must be executed prior to the current test case
Inter-case Dependencies	T68 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'Match Management' button
Expected Output Specifications	Go to cricket match management page
Actual Output	Go to cricket match management page

Table 70: Test specifications of T70

Test case Specification Identifier	T70
Purpose	To check the functionality of 'Match management'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Cricket match' must be executed prior to the current test case
Inter-case Dependencies	T68 test case must be executed prior to the current test case execution
Input Specifications	Team-1 player name characters only, Team-2 player name characters only, toss win team name contains character only, bating team name contains character as given below- Team-1… Team-2… Sabik, Toukir Sabik, Jubaer Shashab.. etc. Shihab… etc Team-1 Team-2
Test Procedure	Press 'Add' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 71Test specifications of T71

Test case Specification Identifier	T71
Purpose	To check the functionality of 'Match management'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Cricket match' must be executed prior to the current test case
Inter-case Dependencies	T68 test case must be executed prior to the current test case execution
Input Specifications	Team-1 player name contains special characters, Team-2 player name characters only, toss win team name contains character only, bating team name contains character as given below- Team-1… Team-2… Sabik1243, Toukir Sabik234, Jubaer Shashab… etc. Shihab… etc Team-1 Team-2
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid name alert message
Actual Output	Go to cricket match management page

Table 72: Test specifications of T72

Test case Specification Identifier	T72
Purpose	To check the functionality of 'Match management'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Cricket match' must be executed prior to the current test case
Inter-case Dependencies	T68 test case must be executed prior to the current test case execution
Input Specifications	Team-1 player name contains characters only, Team-2 player name contains special character, toss win team name contains character only, bating team name contains character as given below- Team-1… Team-2… Sabik, Toukir@#$ Sabik, Jubaer Shashab.. etc. Shihab… etc Team-1 Team-2
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid name alert message
Actual Output	Show success message

Table 73: Test specifications of T73

Test case Specification Identifier	T73
Purpose	To check the functionality of 'Match management'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Cricket match' must be executed prior to the current test case
Inter-case Dependencies	T68 test case must be executed prior to the current test case execution
Input Specifications	Team-1 player name contains characters only, Team-2 player name contains characters only, toss win team name contains special character, bating team name contains character as given below- Team-1… Team-2… Sabik, Toukir Sabik, Jubaer Shashab.. etc. Shihab… etc Team-1@#$ Team-2
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid toss win team name alert
Actual Output	Show invalid toss win team name alert

Table 74: Test specifications of T74

Test case Specification Identifier	T74
Purpose	To check the functionality of 'Match management'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Cricket match' must be executed prior to the current test case
Inter-case Dependencies	T68 test case must be executed prior to the current test case execution
Input Specifications	Team-1 player name contains characters only, Team-2 player name contains characters only, toss win team name contains number and special character only, bating team name contains character as given below- Team-1… Team-2… Sabik, Toukir Sabik, Jubaer Shashab.. etc. Shihab… etc Team-123#$ Team-2
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid toss win team name alert
Actual Output	Show invalid toss win team name alert

Table 75: Test specifications of T75

Test case Specification Identifier	T75
Purpose	To check the functionality of 'Match management'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Cricket match' must be executed prior to the current test case
Inter-case Dependencies	T68 test case must be executed prior to the current test case execution
Input Specifications	Team-1 player name contains characters only, Team-2 player name contains characters only, toss win team name contains character only, bating team name contains number and special character as given below- Team-1… Team-2… Sabik, Toukir Sabik, Jubaer Shashab.. .etc. Shihab… etc Team-1 Team-2@34$%
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid batting team name alert message
Actual Output	Show invalid batting team name alert message

Table 76: Test specifications of T76

Test case Specification Identifier	T76
Purpose	To check the functionality of 'Match management'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Cricket match' must be executed prior to the current test case
Inter-case Dependencies	T68 test case must be executed prior to the current test case execution
Input Specifications	Team-1 player name contains characters only, Team-2 player name contains characters only, toss win team name contains character only, bating team name contains number and special character as given below- Team-1… Team-2… Sabik, Toukir Sabik, Jubaer Shashab.. .etc. Shihab… etc Team-1 Team-2@34$%
Test Procedure	Press 'Add' button
Expected Output Specifications	Show invalid batting team name alert message
Actual Output	Show invalid batting team name alert message

Table 77: Test specifications of T77

Test case Specification Identifier	T77
Purpose	To check the functionality of 'Score update'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Match management' must be executed prior to the current test case
Inter-case Dependencies	T72 test case must be executed prior to the current test case execution
Input Specifications	Updated score contains number only, Updated wicket contains number only and Updated over contains number only as given below- 34 1 2.1
Test Procedure	Press 'update' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 78: Test specifications of T78

Test case Specification Identifier	T78
Purpose	To check the functionality of 'Score update'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Match management' must be executed prior to the current test case
Inter-case Dependencies	T72 test case must be executed prior to the current test case execution
Input Specifications	Updated score contains character only, Updated wicket contains number only and Updated over contains number only as given below- ccc 1 2.1
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid score alert message
Actual Output	Show invalid score alert message

Table 79: Test specifications of T79

Test case Specification Identifier	T79
Purpose	To check the functionality of 'Score update'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Match management' must be executed prior to the current test case
Inter-case Dependencies	T72 test case must be executed prior to the current test case execution
Input Specifications	Updated score contains special character only, Updated wicket contains number only and Updated over contains number only as given below- @#$ 1 2.1
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid score alert message
Actual Output	Show invalid score alert message

Table 80: Test specifications of T80

Test case Specification Identifier	T80
Purpose	To check the functionality of 'Score update'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Match management' must be executed prior to the current test case
Inter-case Dependencies	T72 test case must be executed prior to the current test case execution
Input Specifications	Updated score contains number only, Updated wicket contains character and Updated over contains number only as given below- 34 ccc 2.1
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid wicket alert message
Actual Output	Show invalid wicket alert message

Table 81: Test specifications of T81

Test case Specification Identifier	T81
Purpose	To check the functionality of 'Score update'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Match management' must be executed prior to the current test case
Inter-case Dependencies	T72 test case must be executed prior to the current test case execution
Input Specifications	Updated score contains number only, Updated wicket contains special character and Updated over contains number only as given below- 34 @#$%! 2.1
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid wicket alert message
Actual Output	Show invalid wicket alert message

Test case Specification Identifier	T82
Purpose	To check the functionality of 'Score update'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Match management' must be executed prior to the current test case
Inter-case Dependencies	T72 test case must be executed prior to the current test case execution
Input Specifications	Updated score contains number only, Updated wicket contains number only and Updated over contains character only as given below- 34 1 2ccc
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid over alert message
Actual Output	Show invalid over alert message

Table 83: Test specifications of T83

Test case Specification Identifier	T83
Purpose	To check the functionality of 'Score update'
Test Items Needed	Refer Usecase-1.4.1 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Match management' must be executed prior to the current test case
Inter-case Dependencies	T72 test case must be executed prior to the current test case execution
Input Specifications	Updated score contains number only, Updated wicket contains number only and Updated over contains special only as given below- 34 1 2@#$
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid over alert message
Actual Output	Show invalid over alert message

Table 84: Test specifications of T84

Test case Specification Identifier	T84
Purpose	To check the functionality of 'Athletic'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	-
Inter-case Dependencies	-
Input Specifications	none
Test Procedure	Press 'Athletic' button
Expected Output Specifications	Go to athletic management page
Actual Output	Go to athletic management page

Table 85: Test specifications of T85

Test case Specification Identifier	T85
Purpose	To check the functionality of 'insert winner'
Test Items Needed	Refer Usecase-1.4.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Athletic' must be executed prior to the current test case
Inter-case Dependencies	T84 test case must be executed prior to the current test case execution
Input Specifications	Hall name contains character only, Sport name contains character only, Rank1 contains character only, Rank2 contains character only and Rank3 contains character only Sufia Kamal Hall Race Competition Mina Sabina Tumpa
Test Procedure	Press 'insert' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 86: Test specifications of T86

Test case Specification Identifier	T86
Purpose	To check the functionality of 'insert winner'
Test Items Needed	Refer Usecase-1.4.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Athletic' must be executed prior to the current test case
Inter-case Dependencies	T84 test case must be executed prior to the current test case execution
Input Specifications	Hall name contains number and special character only, Sport name contains character only, Rank1 contains character only, Rank2 contains character only and Rank3 contains character only Sufia Kamal Hall123@# Race Competition Mina Sabina Tumpa
Test Procedure	Press 'insert' button
Expected Output Specifications	Show invalid hall name alert message
Actual Output	Show invalid hall name alert message

Table 87: Test specifications of T87

Test case Specification Identifier	T87
Purpose	To check the functionality of 'insert winner'
Test Items Needed	Refer Usecase-1.4.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Athletic' must be executed prior to the current test case
Inter-case Dependencies	T84 test case must be executed prior to the current test case execution
Input Specifications	Hall name contains character only, Sport name contains number and special character only, Rank1 contains character only, Rank2 contains character only and Rank3 contains character only Sufia Kamal Hall Race Competition123@#$ Mina Sabina Tumpa
Test Procedure	Press 'insert' button
Expected Output Specifications	Show invalid sport name alert message
Actual Output	Show invalid sport name alert message

Table 88: Test specifications of T88

Test case Specification Identifier	T88
Purpose	To check the functionality of 'insert winner'
Test Items Needed	Refer Usecase-1.4.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Athletic' must be executed prior to the current test case
Inter-case Dependencies	T84 test case must be executed prior to the current test case execution
Input Specifications	Hall name contains character only, Sport name contains character only, Rank1 contains number only, Rank2 contains character only and Rank3 contains character only Sufia Kamal Hall Race Competition Mina123 Sabina Tumpa
Test Procedure	Press 'insert' button
Expected Output Specifications	Show invalid rank1 alert message
Actual Output	Show success message

Table 89: Test specifications of T89

Test case Specification Identifier	T89
Purpose	To check the functionality of 'insert winner'
Test Items Needed	Refer Usecase-1.4.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Athletic' must be executed prior to the current test case
Inter-case Dependencies	T84 test case must be executed prior to the current test case execution
Input Specifications	Hall name contains character only, Sport name contains character only, Rank1 contains character only, Rank2 contains number only and Rank3 contains character only Sufia Kamal Hall Race Competition Mina Sabina123 Tumpa
Test Procedure	Press 'insert' button
Expected Output Specifications	Show invalid rank2 alert message
Actual Output	Show success message

Table 90: Test specifications of T90

Test case Specification Identifier	T90
Purpose	To check the functionality of 'insert winner'
Test Items Needed	Refer Usecase-1.4.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Athletic' must be executed prior to the current test case
Inter-case Dependencies	T84 test case must be executed prior to the current test case execution
Input Specifications	Hall name contains character only, Sport name contains character only, Rank1 contains character only, Rank2 contains character only and Rank3 contains number only Sufia Kamal Hall Race Competition Mina Sabina Tumpa123
Test Procedure	Press 'insert' button
Expected Output Specifications	Show invalid rank3 alert message
Actual Output	Show success message

Table 91: Test specifications of T91

Test case Specification Identifier	T91
Purpose	To check the functionality of 'edit winner'
Test Items Needed	Refer Usecase-1.4.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Athletic' must be executed prior to the current test case
Inter-case Dependencies	T84 test case must be executed prior to the current test case execution
Input Specifications	Hall name contains character only, Sport name contains character only, Rank1 contains character only, Rank2 contains character only and Rank3 contains character only Sufia Kamal Hall Race Competition Mina Sabina Tumpa
Test Procedure	Press 'update' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 92: Test specifications of T92

Test case Specification Identifier	T92
Purpose	To check the functionality of 'edit winner'
Test Items Needed	Refer Usecase-1.4.2 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Athletic' must be executed prior to the current test case
Inter-case Dependencies	T84 test case must be executed prior to the current test case execution
Input Specifications	Hall name contains character only, Sport name contains character only, Rank1 contains number, Rank2 contains number and Rank3 contains number Sufia Kamal Hall Race Competition Mina1213 Sabina123 Tumpa112
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid rank alert message
Actual Output	Show success message

Table 93: Test specifications of T93

Test case Specification Identifier	T93
Purpose	To check the functionality of 'Volleyball'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Score Management' must be executed prior to the current test case
Inter-case Dependencies	T67 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'Volleyball' button
Expected Output Specifications	Go to volleyball management page
Actual Output	Go to volleyball management page

Table 94: Test specifications of T94

Test case Specification Identifier	T94
Purpose	To check the functionality of 'insert volleyball details'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Volleyball' must be executed prior to the current test case
Inter-case Dependencies	T93 test case must be executed prior to the current test case execution
Input Specifications	Winning team name contains character, Losing team name contain character and Man of the match contains character as given below- Team1 Team2 Sabik
Test Procedure	Press 'insert' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Table 95: Test specifications of T95

Test case Specification Identifier	T95
Purpose	To check the functionality of 'insert volleyball details'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Volleyball' must be executed prior to the current test case
Inter-case Dependencies	T93 test case must be executed prior to the current test case execution
Input Specifications	Winning team name contains special character, Losing team name contain character and Man of the match contains character as given below- Team@#$$1 Team2 Sabik
Test Procedure	Press 'insert' button
Expected Output Specifications	Show invalid team name alert message
Actual Output	Show invalid team name alert message

Table 96: Test specifications of T96

Test case Specification Identifier	T96
Purpose	To check the functionality of 'insert volleyball details'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Volleyball' must be executed prior to the current test case
Inter-case Dependencies	T93 test case must be executed prior to the current test case execution
Input Specifications	Winning team name contains character, Losing team name contain special character and Man of the match contains character as given below- Team1 Team$$&!2 Sabik
Test Procedure	Press 'insert' button
Expected Output Specifications	Show invalid team name alert message
Actual Output	Show invalid team name alert message

Table 97: Test specifications of T97

Test case Specification Identifier	T97
Purpose	To check the functionality of 'insert volleyball details'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Volleyball' must be executed prior to the current test case
Inter-case Dependencies	T93 test case must be executed prior to the current test case execution
Input Specifications	Winning team name contains character, Losing team name contain character and Man of the match contains special character and number as given below- Team1 Team2 Sabik#$$123
Test Procedure	Press 'insert' button
Expected Output Specifications	Show invalid man of the match name alert message
Actual Output	Show invalid man of the match name alert message

Table 98: Test specifications of T98

Test case Specification Identifier	T98
Purpose	To check the functionality of 'edit volleyball details'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Volleyball' must be executed prior to the current test case
Inter-case Dependencies	T93 test case must be executed prior to the current test case execution
Input Specifications	Winning team name contains character, Losing team name contain character and Man of the match contains character as given below- Team1 Team2 Sabik
Test Procedure	Press 'update' button
Expected Output Specifications	Show success message
Actual Output	Show success message

Test case Specification Identifier	T99
Purpose	To check the functionality of 'edit volleyball details'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Volleyball' must be executed prior to the current test case
Inter-case Dependencies	T93 test case must be executed prior to the current test case execution
Input Specifications	Winning team name contains special character, Losing team name contain character and Man of the match contains character as given below- Team1@#$ Team2 Sabik
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid team name alert message
Actual Output	Show invalid team name alert message

Table 100: Test specifications of T100

Test case Specification Identifier	T100
Purpose	To check the functionality of 'edit volleyball details'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Volleyball' must be executed prior to the current test case
Inter-case Dependencies	T93 test case must be executed prior to the current test case execution
Input Specifications	Winning team name contains character, Losing team name contain special character and Man of the match contains character as given below- Team1 Team%@#$2 Sabik
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid team name alert message
Actual Output	Show invalid team name alert message

Table 101: Test specifications of T101

Test case Specification Identifier	T101
Purpose	To check the functionality of 'edit volleyball details'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Volleyball' must be executed prior to the current test case
Inter-case Dependencies	T93 test case must be executed prior to the current test case execution
Input Specifications	Winning team name contains character, Losing team name contain character and Man of the match contains special character and number as given below- Team1 Team2 Sabik
Test Procedure	Press 'update' button
Expected Output Specifications	Show invalid man of the match name alert message
Actual Output	Show invalid man of the match name alert message

Table 102: Test specifications of T102

Test case Specification Identifier	T102
Purpose	To check the functionality of 'Remove volleyball details'
Test Items Needed	Refer Usecase-1.4 in SRS
Special Environmental	Internet should be in working condition. Database software through which the data will be matched should be in running condition. User's browser should be running properly.
Special Procedural Requirements	The function 'Volleyball' must be executed prior to the current test case
Inter-case Dependencies	T93 test case must be executed prior to the current test case execution
Input Specifications	none
Test Procedure	Press 'remove' button
Expected Output Specifications	Show success message
Actual Output	Show success message