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SWIMMING POOL MANAGEMENT SOFTWARE

TEST RESULTS DOCUMENT

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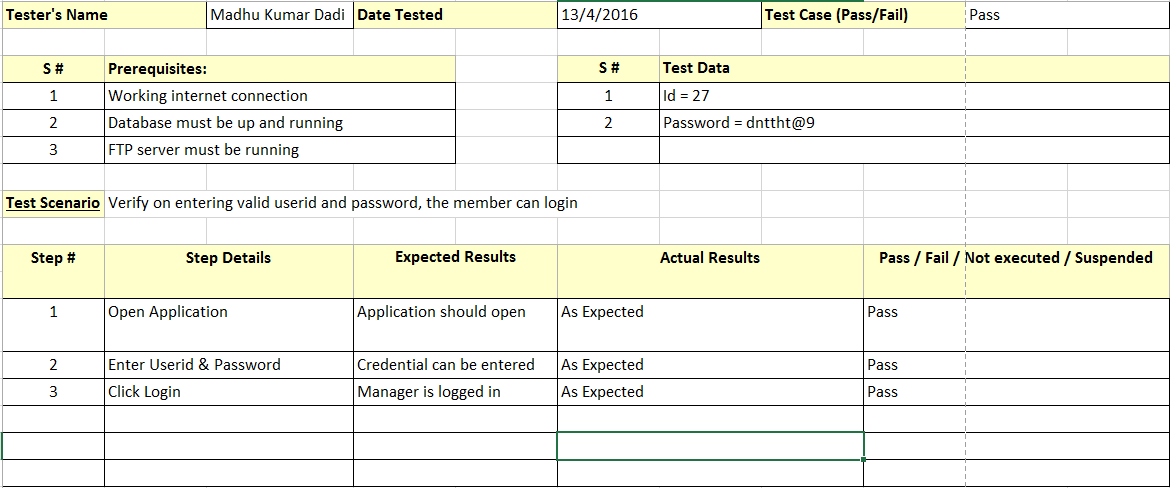
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# Black Box Testing

We did error guessing and boundary value analysis on all parameters and variables in a method.

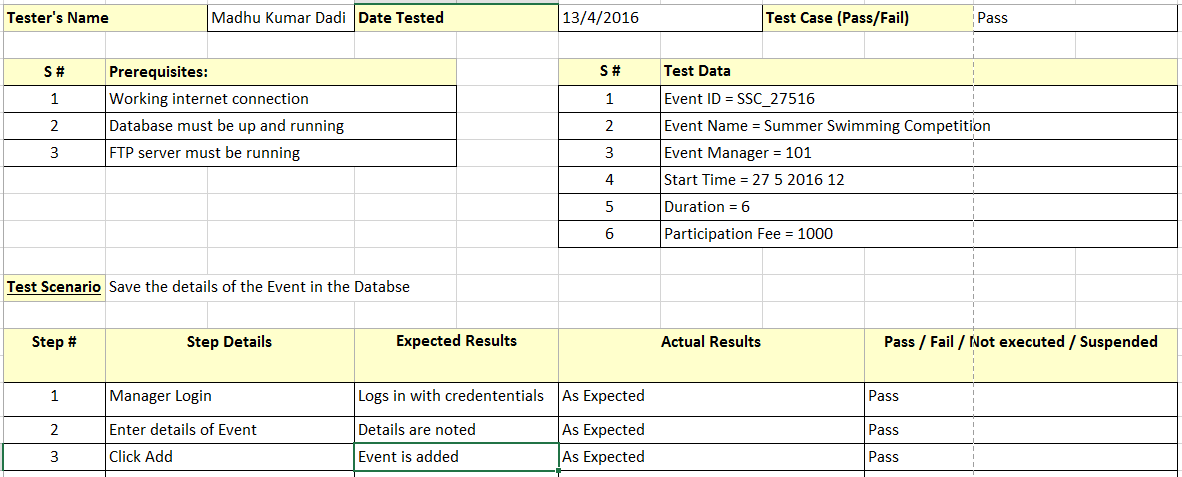
## BBT FOR LOGIN

This method takes an ID and Password as input and opens the specific home page [Manager, Member, Committee Member or Student etc., ] if it’s a valid login else gives an error message about invalid credentials.



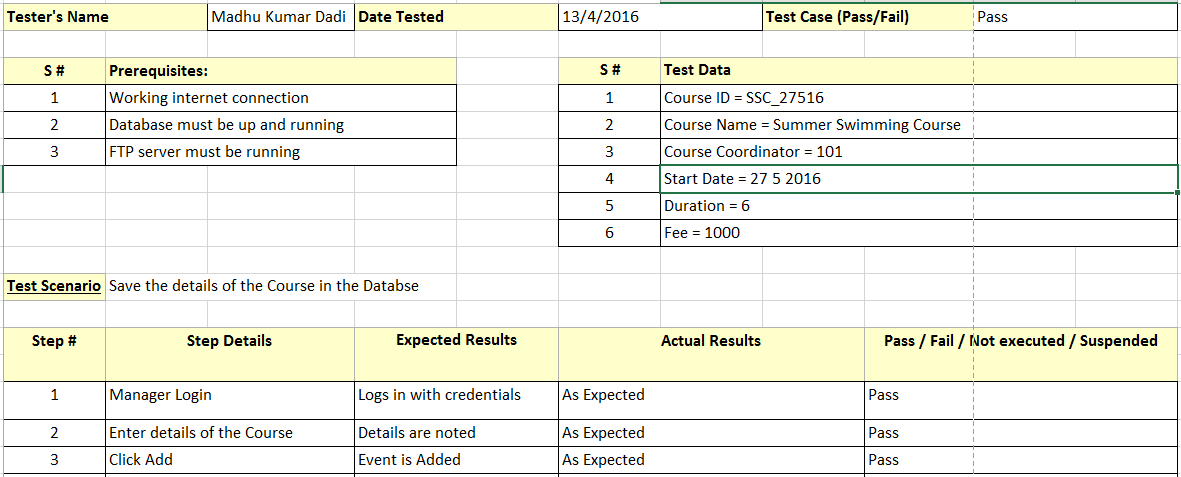
## BBT FOR ADD EVENT

This method takes details for the event to be conducted and stores the data in the Database. Returns an error message when the details entered do not match correct type or the Event ID already exists.



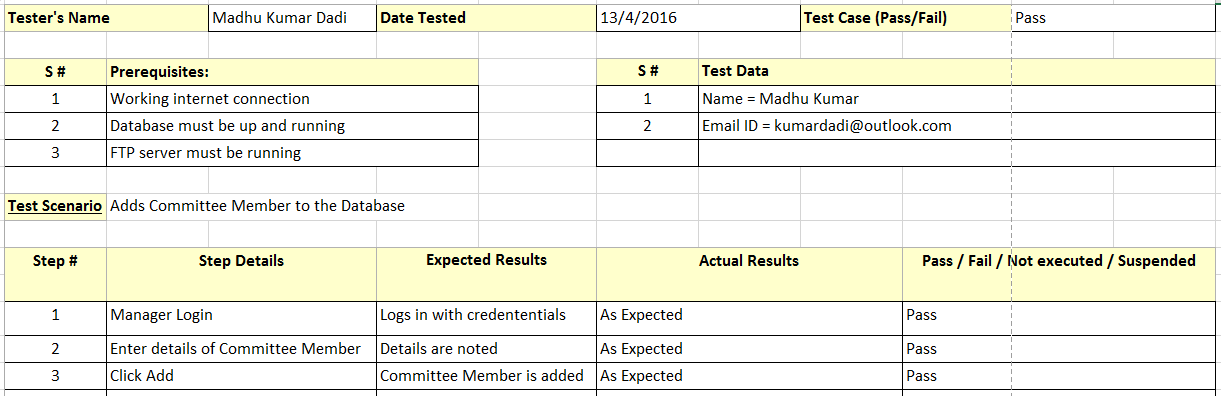
## BBT FOR ADD COURSE

This method takes details for the course to be conducted and stores the data in the Database. Returns an error message when the details entered do not match the type or the Course ID already exists.



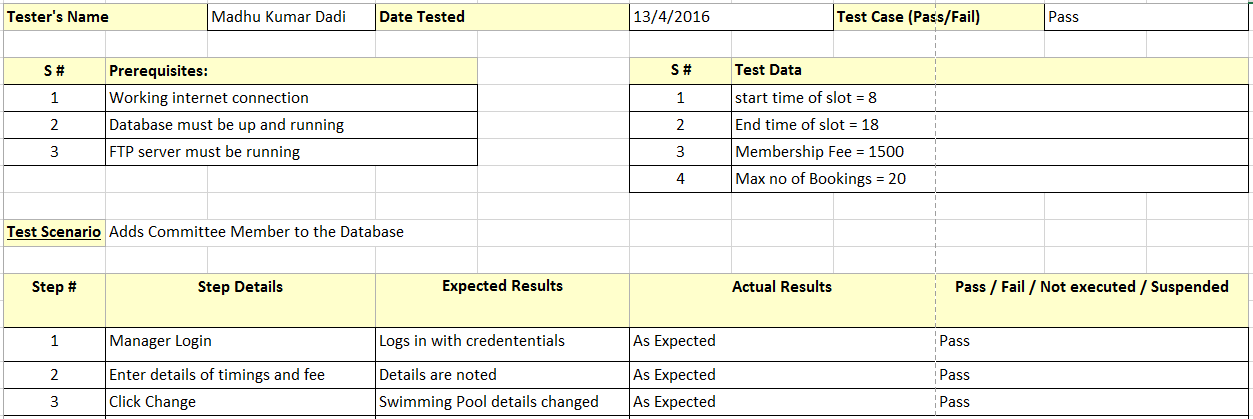
## BBT FOR ADD COMMITTEE MEMBER

This method takes details for the committee Member and stores the data in the Database. Returns an error message when the details entered do not match the type or the Committee Member Email ID already exists.



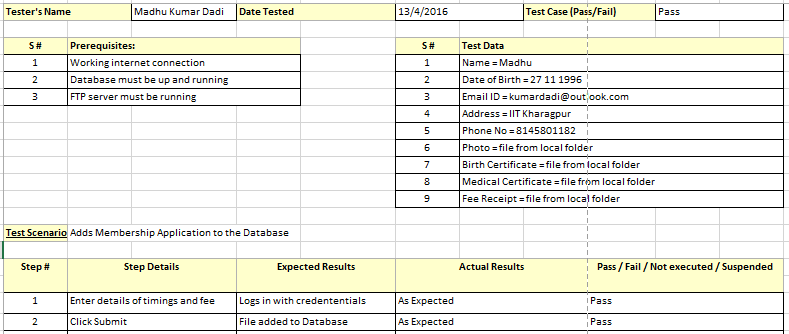
## BBT FOR SET TIMINGS AND FEE

This method takes details for the Swimming pool timings and fee particulars and stores the data in the Database. Returns an error message when the details entered do not match the type.



## BBT FOR APPLY FOR MEMBERSHIP

This method takes details of the applicant and stores the data in the Database. Returns an error message when the details entered do not match the type.



# WHITE BOX TESTING

## WBT FOR LOGIN

White Box Testing for Logging in of different types of members. This is tested by logging in as different user at least once with valid and invalid credentials.

### LOGIN AS MANAGER

Test Data:

ID = 27

Password = dnttht@9

Expected Result:

Manager Page opens.

Actual Result:

As Expected.

### LOGIN AS MEMBER

Test Data:

ID = 1001

Password = dnttht@9

Expected Result:

Member Page opens.

Actual Result:

As Expected.

### LOGIN AS COMMITTEE MEMBER

Test Data:

ID = 101

Password = dnttht@9

Expected Result:

Committee Member Page opens.

Actual Result:

As Expected.

### LOGIN AS STUDENT

Test Data:

ID = 90004

Password = dnttht@9

Expected Result:

Student Page.

Actual Result:

As Expected.

## WBT FOR MANAGER NOTIFICATIONS

### TEXT NOTIFICATIONS

This type of notifications show the detailed information in text, without requirement of any action by the Manager.

Text Notifications activated by:

Book Pool Method

Cancel Membership Method

Actual Result: Same as Expected Result.

### ADD MEMBER NOTIFICATIONS

This type of notifications show the detailed information about the applicant in text, requiring accepting or discarding the Application.

Actual Result: Same as Expected Result.

### ADD STUDENT NOTIFICATIONS

This type of notifications show the detailed information about the applicant in text, requiring accepting or discarding the Application.

Actual Result: Same as Expected Result.

### ADD PARTICIPANT NOTIFICATIONS

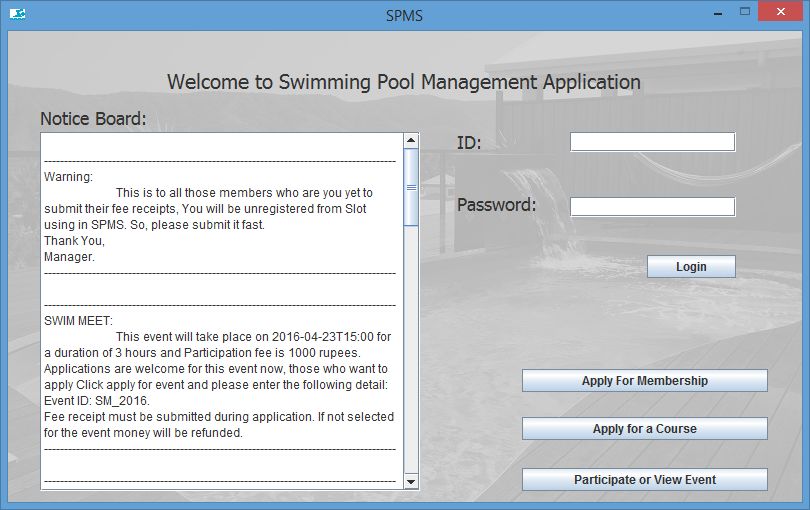
This type of notifications show the detailed information about the applicant in text, requiring accepting or discarding the Application.

Actual Result: Same as Expected Result.

# USER INTERFACE TESTING

## WELCOME PAGE INTERFACE

* View Notices
* Actual Result: As Expected.
* Login credentials
* Actual Result: As Expected.
* Application for Membership
* Actual Result: As Expected.
* Application for Course
* Actual Result: As Expected.
* Participate or view an Event
* Actual Result: As Expected.



## SLOT BOOKING INTERFACE

* Slot booking option to the members of Swimming Pool making the slots which are not part of any event or booking and in the slot timings of the Swimming Pool be available for them to choose from.

