Social Media Network

Software Engineering CS301

Test Plan Document

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Introduction:

Test Cases Purpose:

This **Test Execution Document** has been prepared for a Social Media Network Website. This has been developed by a team which has been mentioned above in NIIT University. This application/product that has been developed does not possess any hierarchy in terms of development. This document explicitly shows the results of the test that has been executed on the product. This document only includes the test cases in different forms. Testing of the product has been done mainly in two different ways.

- Unit Testing
- Integration Testing

Testing Process:

As mentioned above the testing that has been executed can be widely divided in to two major parts which were mentioned above in the purpose.

Upon Unit Testing, complete product has been divided in to small units. All the units are tested separately. Each unit test cases can be broadly divided into black box test cases and white box test cases. Black box and white box is a type of deriving test cases for the unit. These entire tests are again described/ explained clearly with appropriate reasons.

Upon Integration Testing, complete product branches have been divided in to integrated parts. All these integrated parts are the addition of units only. So before undergoing integration testing it should have completed unit testing. Each integration test case can be broadly divided into black box test cases and white box test cases. Black box and white box is a type of deriving test cases. These entire tests are again described/ explained clearly with appropriate reason.

Unit Testing:

Purpose:

Complete code of the product is divided in to small units which can be tested under blocks. All the test cases can be derived/ divided from black box and white box testing methods. Each unit will be having two section named black box and white box testing. Each section will be having number of test cases and will be described appropriately.

Unit Test Case 1-> Login

Section 1 -> Black box

Test Description:

a**) Sign up**: User will give the information required for login such as username and password and confirms his/her password.

b) **Login**: User will give the information required for login such as username and password. If the username and the password entered by the user match the details given by the user while registration then the user is given the access to use the website or else he/she will be asked to check tier username/password. User will also be given an option of forgot password.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Eg: (user1 – 1234, user2– abcd).

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Unit Test Case 2 -> Posting

Section 1 [Black box]

Test Description:

a) **Audio**: user can upload an audio (mp3) which can be shared among his/her followers. Can also edit the audio post created by him/her.

b) **Video**: user can upload a video (mp4 etc.,) which can be shared among his/her followers. Can also edit the video post created by him/her.

c) **Location**: user can share their location with his/her followers

d) **Photo**: user can upload a photo which can be shared among his/her followers. Can also edit the post created by him/her.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation

Test Description:

a) Audio: user can upload an audio(Mp3) in different formats which can be shared among his/her followers. Can also edit the audio post created by him/her.

b) Video: user can upload an video(Mp4) in different formats which can be shared among his/her followers. Can also edit the video post created by him/her.

c) location: user can share their location with his/her followers

d) Photo: user can upload a photo in different formats which can be shared among his/her followers. Can also edit the post created by him/her.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: The arguments that are needed to the function will be taking it from the local storages. Even though the value that is needed is returned to the function, there may be details of the key corrupted in the system. This test case deals in scenario where function returns an error in returning details.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

No BUGS and No Faulty output have been received.

Unit Test Case 3 -> Review

Section 1 [Black box]

Test Description: User can rate his/er followers or can be rated by his/her followers. User can rate them on three parameters like Professional, Personal, Dating. The average of all the ratings given to the user is displayed in his profile.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Unit Test Case 4 -> Buttons

Section 1 [Black box]

Test Description:

a) **Like**: User can react to other posts which are uploaded by other users. We can put or remove a like we gave by clicking this button.

b) **Comment**: User can comment on other posts which are uploaded by his followers.

c) **Share**: User can share posts like audio/video/location/photo which are uploaded by his followers.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Unit Test Case 5 -> Mail/Verification

Section 1 [Black box]

Test Description: If the user forgets is/her password he/she is given an option to verify/reset it through the email submitted while registration.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: Failed

Output: Function is not returning appropriate result for the given arguments and SMTP server Configuration error.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Test Description: If the user forgets is/her password he/she is given an option to verify/reset it through the email submitted while registration.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: The arguments that are needed to the function will be taking it from the local storages. Even though the value that is needed is returned to the function, there may be details of the key corrupted in the system. This test case deals in scenario where function returns an error in returning details.

Test Results:

Result: Failed

Output: Function is not returning appropriate result for the given arguments and SMTP server Configuration error.

Unit Test Case 6 -> Follow

Section 1 [Black box]

Test Description: User can follow single users/friends of other followers.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Unit Test Case 7 -> Privileges

Section 1 [Black box]

Test Description:

a) **User privileges**: User can update his/her information like Profile pic, Cover pic, to change his/her password and his personal details.

b) **Admin privileges**: Admin monitories users and can update themes of the Website, change the language, remove the user account.

c) **Super Admin privileges**: Super Admin monitories users as well as admins and can update themes of the Website, change the language, remove the user/admin account.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Test Description

a) **User privileges**: User can update his/her information like Profile pic, Cover pic, to change his/her password and his personal details.

b) **Admin privileges**: Admin monitories users and can update themes of the Website, change the language, remove the user account.

c) **Super Admin privileges**: Super Admin monitories users as well as admins and can update themes of the Website, change the language, remove the user/admin account.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: The arguments that are needed to the function will be taking it from the local storages. Even though the value that is needed is returned to the function, there may be details of the key corrupted in the system. This test case deals in scenario where function returns an error in returning details.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

No BUGS and No Faulty output have been received.

Unit Test Case 8 -> Search

Section 1 [Black box]

Test Description: Enter what you're looking for and choose from the results. On typing something, the user can see suggestions for what he/she is looking for.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Test Description Test Description: Enter what you're looking for and choose from the results. On typing something, the user can see suggestions for what he/she is looking for.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: The arguments that are needed to the function will be taking it from the local storages. Even though the value that is needed is returned to the function, there may be details of the key corrupted in the system. This test case deals in scenario where function returns an error in returning details.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

No BUGS and No Faulty output have been received.

Unit Test Case 9 -> API

Section 1 [Black box]

Test Description: User can login to this Website by using his/her Facebook / Gmail accounts. If user forgets his/her password there is no need to reset it. they can login with these accounts.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: Failed

Output: Function is not returning appropriate result for the given arguments and the page is not redirecting after successful 3rd party authentication.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Result: Failed

Output: Function is not returning appropriate result for the given arguments and the page is not redirecting after successful 3rd party authentication.

Unit Test Case 10 -> Different Browsers

Section 1 [Black box]

Test Description: User can access this website through any of the browsers such as explorer, chrome, Firefox, U.C etc.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: PASSED

Output: Function is not returning appropriate result for the given arguments overlapping of items observed in portrait modes.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Test Results:

Result: PASSED

Output: Function is not returning appropriate result for the given arguments overlapping of items observed in portrait modes.

Unit Test Case 11-> Update the password

Section 1 [Black box]

Test Description: User can update his/her password. After updating if user tries to login with his old password then the user cannot access this website.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices

where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

Section2 [white box]

Note: White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Unit Test Case 12-> Session

Section 1 [Black box]

Test Description: User cannot use this website after he/she logouts of the website as the session gets expired after clicking this button.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the

block where all the arguments that are supplied are in valid to the function.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

Section2 [white box]

Note: White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box test cases) most of the coverage's have been done. White box test cases which were below listed are adding up to/ continuation.

Test Description: Test Description: User cannot use this website after he/she logouts of the website as the session gets expired after clicking this button.

Test Approach: Testing should be conducted on different browsers and devices with different web interfaces with different resolutions. The application is developed on Web Platform as well as mobile interface. All the devices where the testing should be undergone should be able to connect to the local server. For connecting to the server mobile or desktop browsers should have Internet Access. For testing web interface appropriate devices should have a standard browser.

Test Inputs: The arguments that are needed to the function will be taking it from the local storages. Even though the value that is needed is returned to the function, there may be details of the key corrupted in the system. This test case deals in scenario where function returns an error in returning details.

Test Results:

Result: PASSED

Output: Function is returning appropriate result for the given arguments.

No BUGS and No Faulty output have been received

Integration Testing

Introduction

After unit testing is completed, all the units are integrated (integration might have been done before, talking in terms of testing) to make the product full functioning. All these integrated parts are to be tested so that exchange of data between them, combine functioning of the functions. Test cases can be drawn in two different ways. Black box test cases, White box cases. Each section will be having number of test cases and will be described appropriately.

Integrate Part 1 -> Pushing Data from Content to Scripts

Section 1 [Black box]

Test Case	Function	Type
Test Case 1	Ajax	Appropriate Data Sent Over
Test Case 2	Ajax	Invalid Data Sent Over

Test Case 1

Test Description: Java script functions take the input values from the content (HMTL) and makes all the data variables as an object. This object is being sent to server script. We need to check how may the variables might reach JScript and analyse the behaviour.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where all the data variables are sent in valid and received in valid to the JavaScript function.

Test Results:

Result: PASSED

Output: ‘X’ type of Data is being received and further steps are continued appropriately. No BUGS and No Faulty output have been received.

Test Case 2

Test Description: Java script functions take the input values from the content (HMTL) and makes all the data variables as an object. This object is being sent to server script. We need to check how may the variables might reach JScript and analyse the behaviour.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where all the data variables are sent and received in the respective functions might be Invalid.

Test Results:

Result: PASSED

Output: 'X' type of Data is being received and further steps are continued appropriately. No BUGS and No Faulty output have been received.

Section2 [white box]

Test Case	Function	Type
Test Case 1	Ajax	Data interchanged/ manipulated while sent over

Test Case 1

Test Description: Java script functions take the input values from the content (HMTL) and makes all the data variables as an object. This object is being sent to server script. We need to check how may the variables might reach JScript and analyse the behaviour.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: Even the data is sent is it cannot verify that the values for its functionality. This test case deals with data objects where any type of data should be adjusted by the appropriate function.

Test Results:

Result: PASSED

Output: ‘X’ type of Data is being received and further steps are continued appropriately. No BUGS and No Faulty output have been received.

Integrate Part 2 -> POSTing data through AJAX to scripts

Section 1 [Black box]

Test Case	Function	Type
Test Case 1	Ajax	Valid Data object Sent
Test Case 2	Ajax	Data object being manipulated over sending
Test Case 3	Ajax	Data Lost Over Server or in between

Test Case 1

Test Description: Ajax need to POST the data to the PHP scripts that are residing in the server to continue the further steps or to get/ set the data in the database. Behaviour of the combined parts is being analysed over different type of objects sent.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where the data object that is being sent or sent over POST is valid to the appropriate functions.

Test Results:

Result: PASSED

Output: ‘X’ type of Data is being received and further steps are connected appropriately. No BUGS and No Faulty output have been received.

Test Case 2

Test Description: Ajax need to POST the data to the PHP scripts that are residing in the server to continue the further steps or to get/ set the data in the database. Behaviour of the combined parts is being analysed over different type of objects sent.

Test Approach Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where the data object that is being sent or sent over POST is manipulated before reaching the appropriate function that is to be executed.

Test Results:

Result: PASSED

Output: 'X' type of Data is being received and further steps are connected appropriately. No BUGS and No Faulty output have been received.

Test Case 3

Test Description: Ajax need to POST the data to the PHP scripts that are residing in the server to continue the further steps or to get/ set the data in the database. Behaviour of the combined parts is being analysed over different type of objects sent.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where the data object that is being sent or sent over POST is completely lost or there is a connection failure over sending the data.

Test Results:

Result: PASSED

Output: 'X' type of Data is being received and further steps are connected appropriately.

No BUGS and No Faulty output have been received.

Section2 [white box]

Note:

White Box test cases included, where for a given unit of code path coverage, branch coverage, statement coverage must have been achieved by the derived set of test cases. By the above test cases which were covered (Black box

test cases) there is no need of extra test cases to complete/ achieve the above-mentioned coverage's. Now, we can conclude that the white box test cases have been executed as above.

Integrate Part 3 -> Database Connection via Script

Section 1 [Black box]

Test Case	Function	Type
Test Case 1	PHP	Valid Credentials to server
Test Case 2	PHP	Invalid Credentials to server

Test Case 1

Test Description: Scripts needs to pass the credentials to sever to connect to the database, so as to get and set the values in the needed approximate tables. Connection depends on credentials that have been shared to the server. Behaviour of the connection is analysed on different inputs.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where valid credentials are sent over the server.

Test Results:

Result: PASSED

Output: Database reacted according the given input appropriately. No BUGS and
No Faulty output have been received.

Test Case 2

Test Description: Scripts needs to pass the credentials to sever to connect to the database, so as to get and set the values in the needed approximate tables. Connection depends on credentials that have been shared to the server. Behaviour of the connection is analysed on different inputs.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be

undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where Invalid credentials are sent over the server.

Test Results:

Result: PASSED

Output: Database reacted according the given input appropriately. No BUGS and
No Faulty output have been received.

Section2 [white box]

Test Case	Function	Type
Test Case 1	PHP	Connection Fail over network

Test Case 1

Test Description: Scripts needs to pass the credentials to sever to connect to the database, so as to get and set the values in the needed approximate tables. Connection depends on credentials that have been shared to the server. Behaviour of the connection is analysed on different inputs.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: What might be the credentials given to the server if the connection over network fails we need to make the behaviour of the function is appropriate to the situation.

Test Results:

Result: PASSED

Output: Database reacted according the given input appropriately. No BUGS and
No Faulty output have been received.

Integrate Part 4 -> Appending the Data to Content

Section 1 [Black box]

Test Case	Function	Type
Test Case 1	jQuery	Valid Data Supplied
Test Case 2	jQuery	Invalid Data Supplied

Test Case 1

Test Description: After getting the necessary data from the server this is to be appended to the content in the appropriate section so that it makes everything visible to the user what is undergoing. This data is to be analyzed such that it shows only the appropriate and needed data to the user.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where valid data and valid section id is received. This is to be appended to the content and verified.

Test Results:

Result: PASSED

Output: Needed Data received and necessary continuation has been undergone. No BUGS and
No Faulty output have been received.

Test Case 2

Test Description: After getting the necessary data from the server this is to be appended to the content in the appropriate section so that it makes everything visible to the user what is undergoing. This data is to be analysed such that it shows only the appropriate and needed data to the user.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: All the types of inputs are divided in equivalence blocks. This case deals with the block where valid data and valid section id might not be received. Upon this the appending behaviour is to be analysed.

Test Results:

Result: PASSED

Output: Needed Data received and necessary continuation has been undergone. No BUGS and No Faulty output have been received.

Section2 [white box]

Test Case	Function	Type
Test Case 1	jQuery	Error/ Insufficient Data

Test Case 1

Test Description: After getting the necessary data from the server this is to be appended to the content in the appropriate section so that it makes everything visible to the user what is undergoing. This data is to be analysed such that it shows only the appropriate and needed data to the user.

Test Approach: Testing should be conducted on different android devices, IOS devices, web interfaces with different resolutions. The application is developed on web platform. All the devices where the testing should be undergone should be able to connect to our server through internet. For testing web interface appropriate devices should have a standard browser. As to send the data separately we need external clients.

Test Inputs: Data has been undergone so many phases before appending. There is a probability that after so many restrictions may be error data of insufficient data might be received to the content. This behaviour is to be analysed.

Test Results:

Result: PASSED

Output: Needed Data received and necessary continuation has been undergone. No BUGS and No Faulty output have been received.

Bugs Detected

Bug #1

Bug Description: Whenever a user forgets a password or a new user needs authentication (Email Verification)

we need to use a SMTP server for forwarding these mails automatically. This bug is regarding the failure in configuring the SMTP script to the website.

Bug Status: NOT RESOLVED

Bug #2

Bug Description: 3rd Party Login System -> it is using a third party to login to our website securely. This bug is regarding the Facebook Login API which was configured to the website. All the code was correct and when executed showing fine but after successful authentication the page is not redirected to the dashboard page from the login page it is staying in the same login page.

Bug Status: NOT RESOLVED

Bug #3

Bug Description: We have developed a responsive website which is compatible with different browsers as well as devices. This bug is regarding the UI of the website in the mobile device in Portrait Mode. Overlapping of blocks is observed in the portrait mode where all other modes are working fine

Bug Status: NOT RESOLVED