FALL 2014 GROUP 1

CSCI 50600

DETAILED TESTING PLAN DOCUMENT

TWITTER PROJECT

Patrick Burton

Arvind Nair

Lakshmi Swathi Chavvakul

IUPUI

**Document Description:**

This document contains the list of functionalities that will be tested according to the plan.

**First Iteration:**

**Test Case Name**: Locate and load the website

**Test Case Description**: This test case loads the login page.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 01 | 01 | Click the link  <http://cs.iupui.edu/~burtonp/CSCI50600-Twitter/>  Changed |  | Load the login page | Loads the login page | Passed |

**Test Case Name**: User should be able to enter username into username field.

**Test Case Description**: This test case for entering the data in the username on the login page.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 02 | 03 | Click the link  <http://cs.iupui.edu/~burtonp/CSCI50600-Twitter/>  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User was able to enter the data in to this field | Passed |

**Test Case Name**: Enter Student ID

**Test Case Description**: This test case for entering the Student ID on the login page.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 03 | 04 | Click the link  <http://cs.iupui.edu/~burtonp/CSCI50600-Twitter>  Changed |  |  |  |  |
| 2 |  |  | Enter the password(Student ID) | 00011112132 | User can enter the data in to this field | User can enter the data in to this field | Passed |

**Test Case Name**: Validate Login button

**Test Case Description**: This test case validates the login button on the login page.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 04 | 05 | Click the link <http://cs.iupui.edu/~burtonp/CSCI50600-Twitter>  Changed |  |  |  |  |
| 2 |  |  | Click login button on the login page |  | User can click on the Login button | User can click on the Login button | Passed |

**Test Case Name**: Validate Login Successful Test Case

**Test Case Description**: This test case validates the login on the login page

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 05 | 05 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |

**Test Case Name:** Enter text in chat window

**Test Case Description:** This test case validates whether the user can enter the text and get displayed in the chat window

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | | Expected Result | Actual Result | Pass/Fail |
| 1 | 06 | 06 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed | |  |  |  |  |
| 2 |  |  | Enter the user name | | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click login | |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the text in the text area | | hi | User can type the text in the text field | User can type the text “hi” in the text field | Passed |

**Test Case Name:** The message should be displayed alongside other messages on the screen.

**Test Case Description:** This test case validates whether the message gets displayed alongside with other messages when the user can enter the text in the chat window.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 07 | 07 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the text in the text area and click enter | Hi  This is Swathi. | The text displayed alongside other messages. | The text displayed alongside other messages. | Passed |

**Test Case Name**: User’s log’s out of the system

**Test Case Description**: This test case allows the user to log out of the system.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 08 | 08 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  | Load the login page | Loads the login page | Passed |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click on login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | Click on log out |  | User successful logged out of the system | User successfully logged out of system | Passed |

**Test Case Name:** Another user's tweet must be visible on the user's screen.

**Test Case Description:** This test case validates whether multiple users can tweet and visible to the other users.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 09 | 09 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the text in the text area and click enter | Hi  This is Swathi. | The text displayed alongside other messages. | The text displayed alongside other messages. | Passed |
| 6 |  |  | Click the link on another system  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 7 |  |  | Enter the user name | arvnair | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 8 |  |  | Enter the password | 0000 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 9 |  |  | Click login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 10 |  |  | User enters the text in the text area and click enter | Hi  This is Swathi  Hello | The text is displayed on another user chat window. | The text is displayed on another user chat window. | Passed |

* **Test Case Name:** User's name should be displayed alongside his tweet.
* **Test Case Description:** This test case validates whether the user can enter the text and get displayed along with user name.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 10 | 10 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the text in the text area and click enter | hi | text gets displayed next to the username who logged in | ‘hi’ text gets displayed next to the username ‘lchavvak’ | Passed |

**Test Case Name**: Data is not visible to unauthorized people.

**Test Case Description**: This test case through a message for the unauthorized user and will not let the user login.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 11 | 12 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | abcc | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 1234 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click login |  | Oncourse ID and student ID doesn’t match, return the error message | Oncourse ID and student ID doesn’t match, return the error message | Passed |

**Test Case Name**: The system must be able to validate the user's identity.

**Test Case Description**: This test case validates the user’s identity

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 12 | 13 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click login |  | Oncourse ID and student ID match, user successfully gets in to the chat window since it validates the users credentials | Oncourse ID and student ID match, user successfully gets in to the chat window since it validates the users credentials | Passed |

**Test Case Name:** User must perform the appropriate functions its role has been assigned to.

**Test Case Description**: This test case validates to perform the appropriate functions (Login, Tweet, and Logout)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 13 | 14 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the text in the text area | hi | User can type the text in the text field | User can type the text “hi” in the text field | Passed |
| 6 |  |  | Click on log out |  | User successful logged out of the system | User successfully logged out of system | passed |

**Requirements For Iteration 2:**

**Test Case Name**: CAS Logout functionality

**Test Case Description**: This test case allows the user to CAS log out of the system.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 14 | 17 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click on login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | Click on log out |  | User successful logged out of the system | User successfully logged out of system | Passed |
| 6 |  |  | Click on CAS Logout |  | User will be successfully logout of the CAS system | User will be successfully logout of the CAS system | Passed |

**Test Case Name**: using HTTPS protocol

**Test Case Description**: This test case allows the user to securely login through https link.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 15 | 18 | Click the link  <http://cs.iupui.edu/~burtonp/CSCI50600-Twitter>  Changed |  | Load the login page | Loads the login page | Passed |

**Test Case Name**: User can retry login certain number of times

**Test Case Description**: This test case allows the user to retry to login certain number of times.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 16 | 19 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | abcdd |  |  |  |
| 3 |  |  | Enter the password | 123445 |  |  |  |
| 4 |  |  | Click on login |  | User can’t login because of incorrect user name and password | User can’t login because of incorrect user name and password | Passed |

**Requirements For Iteration 3:**

**Test Case Name**: Load previous chats

**Test Case Description**: This test case loads previous chat information.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 17 | 21 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click on login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the text in the text area | hi | User can type the text in the text field | User can type the text “hi” in the text field | Passed |
| 6 |  |  | Click on Load more button |  | Loaded previous chats | Previous chats loaded on chat window | Passed |

**Test Case Name**: Allow maximum length of characters to tweet

**Test Case Description:** This test case allows the user to enter 140 characters to be sent as a tweet

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 18 | 22 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click on login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the 140 characters text in the text area | Hihihihihihihihihihihihihihihihihihihihihihihihihihihihihihihihihihihihihi----- | User can type 140 characters in the text field | User can type 140 characters in the text field | Passed |

**Test Case Name:** Send button for sending tweets

**Test Case Description:** This test case allows the user to click send button to send tweets

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 19 | 23 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click on login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the text in the text area | hi | User can type the text in the text field | User can type the text “hi” in the text field | Passed |
| 6 |  |  | Click on send button |  | User can click and send the tweet by clicking send button | User can click and send the tweet by clicking send button | Passed |

**Test Case Name:** Send button highlights by clicking.

**Test Case Description:** This test case allows the user to click send button is highlighted.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 20 | 24 | Click the link  [http://cs.iupui.edu/~burtonp/CSCI50600-Twitter](http://cs.iupui.edu/%7Eburtonp/CSCI50600-Twitter)  Changed |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click on login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the text in the text area | hi | User can type the text in the text field | User can type the text “hi” in the text field | Passed |
| 6 |  |  | Click on send button |  | Send button is highlighted by clicking | Send button is highlighted by clicking | Passed |

**Requirements For Iteration 4:**

**Test Case Name**: Test software from AWS

**Test Case Description:** This test case allows the user perform all functionalities from AWS.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 21 | 25 | Click the link  <http://54.148.215.10/iteration4> |  |  |  |  |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 5 |  |  | User enters the text in the text area | hi | User can type the text in the text field | User can type the text “hi” in the text field | Passed |
| 6 |  |  | Click on log out |  | User successful logged out of the system | User successfully logged out of system | passed |

**Test Case Name:** Website must be accessible to user on all devices.

**Test Case Description:** This test case allows the entire user to access the website on all devices.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 22 | 26 | Click the link  <http://54.148.215.10/iteration4> |  | Load the login page | Loads the login page | Pass |
| 2 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 3 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 4 |  |  | Click on login | iphone, android. | User can access the website from all the devices | User can access the website from all the devices | Passed |

**Test Case Name**: Ability to change usernames

**Test Case Description**: This test case allows the user to enter their desired names.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 23 | 27 | Click the link  <http://54.148.215.10/iteration4> |  |  |  |  |
| 2 |  |  | Enter the desired name | Lakshmi | User can enter the data in to this field | User was able to enter the data in to the desired name | Passed |
| 3 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User was able to enter the lchavvak in to this field | Passed |
| 4 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 5 |  |  | Click login |  | Oncourse ID and student ID match, user successfully gets in to the chat window | Oncourse ID and student ID match, user successfully gets in to the chat window | Passed |
| 6 |  |  | After user login and User enters the text in the text area and click enter | Hi | The text displayed with name Lakshmi. | The text displayed with name Lakshmi | Passed |

**Test Case Name**: Recording of Timestamp of tweets for unique identification of usernames

**Test Case Description**: This test case validates recording of Timestamp of tweets for unique identification of usernames.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 25 | 28 | Click the link  <http://54.148.215.10/iteration4> |  |  |  |  |
| 2 |  |  | Enter the desired name | Lakshmi | User can enter the data in to this field | User was able to enter the data in to this field | Passed |
| 3 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User was able to enter the lchavvak in to this field | Passed |
| 4 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 5 |  |  | Click login |  | User can login | User can login | Passed |
| 6 |  |  | User enters the text in the text area and click enter | Hi | The text displayed along with time. | The text displayed along with time. | Passed |

**Test Case Name**: Ability to keep track of custom names.

**Test Case Description**: This test case shows keep track of custom names.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step No | Test Case ID | Requirement ID | Test Steps | Test Data | Expected Result | Actual Result | Pass/Fail |
| 1 | 25 | 30 | Click the link  <http://54.148.215.10/iteration4> |  |  |  |  |
| 2 |  |  | Enter the desired name | Lakshmi | User can enter the data in to this field | User was able to enter the data in to this field | Passed |
| 3 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User was able to enter the data in to this field | Passed |
| 4 |  |  | Enter the password | 0003316492 | User can enter the data in to this field | User can enter the data in to this field | Passed |
| 5 |  |  | Click login |  | User can login | User can login | Passed |
| 6 |  |  | User enters the text in the text area and click enter | Hi | The text displayed along with time. | The text displayed along with time. | Passed |
| 7 |  |  | Click on log out |  | User successful logged out of the system | User successfully logged out of system | passed |
| 8 |  |  | Enter the desired name | Swathi | User can enter the data in to this field | User was able to enter the data in to this field | Passed |
| 9 |  |  | Repeat steps 3 to 7 |  |  |  | Passed |
| 8 |  |  | Enter the user name | lchavvak | User can enter the data in to this field | User was able to enter the data in to this field | Passed |
| 9 |  |  | User enters the text in the text area and click enter | Hello | The text displayed along with time. | The text displayed along with time. | Passed |
| 10 |  |  | Click on Load more button |  | Loaded previous chats with custom names | Previous chats loaded on chat window with custom names. | Passed |

**References:**

1. *Software Engineering Modern Approaches Second Edition* Eric J. Braude and Michael E. Bernstein, Wiley Publications.

2. B. W. Boehm, J. R. Brown, M. Lipow, Quantitative Evaluation of Software Quality, TRW Systems and Energy Group, (1976).