



Test Plan

CMSC 495 6380

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Group 4

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# Revision History Table

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| --- | --- | --- | --- |
| Date | Changed By | Change(s) | Version |
| 9/19/2019 | Dillon Cobb  Melissa Eardley  Allan Yu | Initial Revision | 1.0 |
| 10/10/2019 | Melissa Eardley | Test Results | 1.1 |
| 10/10/2019 | Melissa Eardley | Test Results for modify event updated | 1.2 |
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# Test Plan

| Test  Case # | Req  #’s | Test Description | Expected Results | | Actual Result | Pass/Fail |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 7, 7.1, 7.2, 7.3, 7.4, 7.5, 6, 6.2 | User enters invalid information for creating a new account | Account is NOT created | | Account is NOT created | Pass |
| 2 | 7, 7.1, 7.2, 7.3 | User enters valid information for creating a new account | Account is created | | Account is created | Pass |
| 3 | 8, 8.1, 8.2 | User enters invalid information into login | User is NOT logged in | | User is NOT logged in | Pass |
| 4 | 8, 8.1, 8.2 | User enters valid information into login | * User is logged in * User can see events in web display * User can create new events | | * User is logged in * User can see events in web display * User can create new events | Pass |
| 5 | 1, 1.1, 1.2, 1.3, 1.4, 1.4.1, 6, 6.1 | User enters invalid data into event entry form | User cannot enter invalid data | | User cannot enter invalid data | Pass |
| 6 | 1, 1.1, 1.2, 1.3, 1.4, 1.4.1, 6, 6.1 | User enters valid data into entry form | * Event is created in database * Event is displayed in the web display | | * Event is created in database * Event is displayed in the web display | Pass |
| 7 | 5,5.1 | Time for notification to be sent | Notification is sent | | Notification is sent | Pass |
| 8 | 2 | User modifies existing event | * Event is modified in database * Event is modified on web display | | * Event is modified in database * Event is modified on web display | Pass |
| 9 | 3 | User deletes existing event | * Event is added * Event is removed from database * Event is no longer visible on web display | | * Event is added * Event is removed from database * Event is no longer visible on web display | Pass |
| 10 | 9 | User selects the logout option and is logged out of the application | * User is logged out * Web display is no longer visible * User is redirected to login page | * User is logged out * Web display is no longer visible * User is redirected to login page | | Pass |
| 11 | 7, 7.4, 7.5 | User updates account information | * Account is updated | * Account is updated | | Pass |

# Detailed Test Steps

## Test 1: Invalid Account Info

1. Open **Chrome**
2. Set web address to [**https://group-4-cmsc495-capstone.github.io/**](https://group-4-cmsc495-capstone.github.io/)
3. Select **Create New Account**
4. Verify New Account form is displayed
5. Enter **Jon** for the username
6. Verify that the username is NOT accepted and the user is warned
7. Enter **jon.snowatKingoftheNorth.com** for the email
8. Verify that the email address is NOT accepted and the user is warned
9. Enter **123** for the password
10. Verify that the password is NOT accepted and the user is warned
11. Verify the account is not created

Expected Results:

Account is NOT created

## Test 2: Valid Account Info

1. Open **Chrome**
2. Set web address to [**https://group-4-cmsc495-capstone.github.io/**](https://group-4-cmsc495-capstone.github.io/)
3. Select **Create New Account**
4. Verify New Account form is displayed
5. Enter **JSnow** for the username
6. Verify that the username is accepted and the user is warned
7. Enter **<valid email address>** for the email
8. Verify that the email address is accepted and the user is warned
9. Enter **Dr@gon$123** for the password
10. Verify that the password is NOT accepted and the user is warned
11. Verify the account is not created

Expected Results:

Account is created

## Test 3: Invalid Login

1. Open **Chrome**
2. Set web address to [**https://group-4-cmsc495-capstone.github.io/**](https://group-4-cmsc495-capstone.github.io/)
3. Select **Login**
4. Verify Login is displayed
5. Enter **Jon** for the userid
6. Enter **123** for the password
7. Verify that the userid and password are NOT accepted and the user is warned

Expected Results:

User is NOT logged in

## Test 4: Valid Login

1. Open **Chrome**
2. Set web address to [**https://group-4-cmsc495-capstone.github.io/**](https://group-4-cmsc495-capstone.github.io/)
3. Select **Login**
4. Verify Login is displayed
5. Enter **?** for the userid
6. Enter **Dr@gon$123** for the password
7. Verify that the userid and password are accepted and the user is logged in
8. Verify user can see web display of events

Expected Results:

User is logged in

## Test 5: Invalid Event Entry

Prerequisites:

* User is using Chrome
* User is already logged in

1. Select **Add Event**
2. Attempt to enter **1/1/2019** for date
3. Verify that the date is not allowed

Expected Results:

Date is not allowed

## Test 6: Valid Event Entry

Prerequisites:

* User is using Chrome
* User is already logged in

1. Select **Add Event**
2. Enter **Name**
3. Enter **Description**
4. Attempt to enter **1/1/2020** for date
5. Verify that the date is not allowed
6. Enter **5 minutes from now** for notification time
7. Verify event is not added

Expected Results:

* Event is created in database
* Event is displayed in the web display

## Test 7: Send Notification

Prerequisites:

* User is using Chrome
* User is already logged in
* User has access to email being sent the notification

1. Select **Add Event**
2. Enter **<current date>** for date
3. Enter **<current time + 5 minutes>** for time
4. Verify event is displayed in the web display
5. Verify notification is sent

Expected Results:

Notification is sent

**Test 8: Modify Event Entry**

Prerequisites:

* User is using Chrome
* User is already logged in

1. Select **Add Event**
2. Enter **Danerys’ Coronation** for event description
3. Enter **2/29/2020** for date
4. Enter **3:00** **PM** for time
5. Verify event is displayed in the web display
6. Highlight the event
7. Select the **Modify** event option
8. Change event to **Bran’s Coronation**
9. Verify change in web display

Expected Results:

* Event is modified in database
* Event is modified on web display

## Test 9: Delete Event Entry

Prerequisites:

* User is using Chrome
* User is already logged in

1. Select **Add Event**
2. Enter **Wedding** for event description
3. Enter **2/2/2020** for date
4. Enter **6:00 PM** for time
5. Verify event is displayed in the web display
6. Highlight the event
7. Select the **Delete** event option
8. Verify event is deleted

Expected Results:

* Event is added
* Event is removed from database
* Event is no longer visible on web displayed

## Test 10: User Logout

Prerequisites:

* User is using Chrome
* User is already logged in

1. Select **Logout**
2. Verify user is redirected to Login page
3. Verify <back> does not log the user back in

Expected Results:

* User is logged out
* Web display is no longer visible
* User is redirected to login page