

uCal

Test Plan

Anubhav Saxena, Avadhoot Joshi, Brandon Kent, Jacob Conley, Jordan Hagedorn

Login Page

Identification and classification	Test case 001 - Invalid Register System - uCal Webapp Module - Registration/Login Severity - 1
Instructions	<ul style="list-style-type: none">• Navigate to /login• Input invalid username or password• Click register
Expected result	<ul style="list-style-type: none">• I should not be able to register this account and I will still be on the /login page

Identification and classification	Test case 002 - Valid Register System - uCal Webapp Module - Registration/Login Severity - 1
Instructions	<ul style="list-style-type: none">• Navigate to /login• Input valid username and password• Click register
Expected result	<ul style="list-style-type: none">• I should be able to register and be redirected to the /calendar page

Identification and classification	Test case 003 - Invalid Google login System - uCal Webapp Module - Registration/Login Severity - 1
Instructions	<ul style="list-style-type: none"> • Navigate to /login • Click google login • Be redirected to google login • Try to input an invalid google account
Expected result	<ul style="list-style-type: none"> • I should not be able to login with an invalid google account

Identification and classification	Test case 004 - Valid Google login System - uCal Webapp Module - Registration/Login Severity - 1
Instructions	<ul style="list-style-type: none"> • Navigate to /login • Click google login • Enter a valid google login
Expected result	<ul style="list-style-type: none"> • Be redirected to the /calendar page

Identification and classification	Test case 005 - Logout System - uCal Webapp Module - Registration/Login Severity - 1
Instructions	<ul style="list-style-type: none"> • Navigate to /login • Login or register • Click the logout button
Expected result	<ul style="list-style-type: none"> • I should be logged out and redirected to the /login page, unable to go to the /calendar page.

Calendar Page

Identification and classification	Test case 006 - Display Latest Events System - uCal Webapp Module - Calendar Page Severity - 1
Instructions	<ul style="list-style-type: none"> • The user should log in to their account
Expected result	<ul style="list-style-type: none"> • If the user has events upcoming, they will appear on their calendar

Identification and classification	Test case 007 - Create Events System - uCal Webapp Module - Calendar Page Severity - 2
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Instructions	<ul style="list-style-type: none"> • The user should be logged in • The user should hover over the day they want to create an event on • Click the create event button • Create the event
Expected result	<ul style="list-style-type: none"> • The default date is the current date, and the event should be created and displayed by a red number on the day it was created.

Identification and classification	Test case 008 - Delete Events System - uCal Webapp Module - Calendar Page Severity - 2
Instructions	<ul style="list-style-type: none"> • The user should log in • The user should click on the day of the event they want to delete • The user should click the x button next to the event
Expected result	<ul style="list-style-type: none"> • The event should be removed from the calendar

Identification and classification	Test case 009 - Update Events System - uCal Webapp Module - Calendar Page Severity - 2
Instructions	<ul style="list-style-type: none"> • The user should login • The user should click on the day of the event they want to update

	<ul style="list-style-type: none"> The user should click the edit button next to the event
Expected result	<ul style="list-style-type: none"> An edit page should be displayed where the event can be changed

Identification and classification	Test case 010 - Share Calendar with User System - uCal Webapp Module - Calendar Page Severity - 2
Instructions	<ul style="list-style-type: none"> The user should login The user should click the share button The user should type in the email of the user they want to share the calendar with The user should click the share button
Expected result	<ul style="list-style-type: none"> The calendar should be shared with the user.

Identification and classification	Test case 011 - Share Calendar with Group System - uCal Webapp Module - Calendar Page Severity - 2
Instructions	<ul style="list-style-type: none"> The user should login The user should click the share button The user should type in the name of the group the user wants to share the calendar with The user should click the share button

Expected result	<ul style="list-style-type: none"> The calendar should be shared with all the users in the group
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Identification and classification	Test case 012 - Filter Latest Events by time frame System - uCal Webapp Module - Calendar Page Severity - 2
Instructions	<ul style="list-style-type: none"> The user should log in to their account, and click on the “month” , “day”, and “year” buttons
Expected result	<ul style="list-style-type: none"> The scheduled events shown should correspond to the above filters

Identification and classification	Test case 013 - Add a location to an event System - uCal Webapp Module - Calendar Page Severity - 2
Instructions	<ul style="list-style-type: none"> The user should login The user should create or edit an event The user should type in the location in the location area
Expected result	<ul style="list-style-type: none"> The location should be added to the event

Groups Page

Identification and classification	Test case 014 - Accept/Decline Invite System - uCal Webapp Module - Group Page Severity - 2
Instructions	<ul style="list-style-type: none"> • The user should be logged in • The user should go to the groups page • The user should accept or decline an invite under the group invites section
Expected result	<ul style="list-style-type: none"> • The user should be added to the group if they select accept • The user should not be added to the group if they select decline

Identification and classification	Test case 015 - Invite people to groups System - uCal Webapp Module - Group Page Severity - 2
Instructions	<ul style="list-style-type: none"> • The user should be logged in • The user should navigate to the groups page • The user should click on the group they want to invite a user to • The user should type in the email address of the user they want to add. • The user should click the add button
Expected result	<ul style="list-style-type: none"> • The user added to the group should get an invite and if they accept it they should be displayed in the group members section.

Identification and classification	Test case 016 - Create Group System - uCal Webapp Module - Group Page Severity - 2
Instructions	<ul style="list-style-type: none"> • The user should login. • The user should go to the groups page • The user clicks the plus sign • The user types in the new group's name and hits save.
Expected result	<ul style="list-style-type: none"> • The user should be able to see their newly created group under Group Name.

Identification and classification	Test case 017 - Group Information is Displayed System - uCal Webapp Module - Group Page Severity - 2
Instructions	<ul style="list-style-type: none"> • The user should be logged in • The user should navigate to the groups page
Expected result	<ul style="list-style-type: none"> • The user should be able to see the groups they are in, the group members of those groups, and the invites they have for groups.

Settings Page

Identification and classification	Test case 018 - Settings page not accessible without login System - uCal Webapp Module - Settings Page Severity - 1
Instructions	<ul style="list-style-type: none">• Access the website and click on the settings tab
Expected result	The settings page should not be displayed

Identification and classification	Test case 019 - Every user has a different User ID System - uCal Webapp Module - Settings Page Severity - 1
Instructions	<ul style="list-style-type: none">• Login and note the User ID on the settings page. Logout, login with another user, and note the User ID
Expected result	<ul style="list-style-type: none">• The User IDs should be different

User Interface

Identification and classification	Test case 020 - Previous and Next button: Month tab System - uCal Webapp Module - UI Severity - 2
Instructions	<ul style="list-style-type: none"> • Press the previous and next buttons while on the Month tab.
Expected result	<ul style="list-style-type: none"> • Pressing the previous button should take you back to the previous month and pressing the next button should take you to the next month.

Identification and classification	Test case 021 - Previous and Next button: Week tab System - uCal Webapp Module - UI Severity - 2
Instructions	<ul style="list-style-type: none"> • Press the previous and next buttons while on the week tab
Expected result	<ul style="list-style-type: none"> • Pressing the previous button should take you back to the previous week and pressing the next button should take you to the next week.

Identification and classification	Test case 022 - Previous and Next button: Day tab System - uCal Webapp Module - UI Severity - 2
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Instructions	<ul style="list-style-type: none"> Press the previous and next buttons while on the day tab
Expected result	<ul style="list-style-type: none"> Pressing the previous button should take you back to the previous day and pressing the next button should take you to the next day.

Identification and classification	Test case 023 - Nav Bar System - uCal Webapp Module - UI Severity - 2
Instructions	<ul style="list-style-type: none"> Click on each of the navigation items
Expected result	<ul style="list-style-type: none"> Each button should take you to the respective page and show that its active.

Identification and classification	Test case 024 - Event invite System - uCal Webapp Module - UI Severity - 3
Instructions	<ul style="list-style-type: none"> The user logs in The user has an event The user shares event with another user
Expected result	<ul style="list-style-type: none"> The form is blank and allows for users to select who to invite.

Higher Order/Security Tests

Identification and classification	Test case 025 - http redirection System - uCal Webapp Module - UI Severity - 2
Instructions	<ul style="list-style-type: none">• A user connects to the site using http instead of https
Expected result	<ul style="list-style-type: none">• The site redirects the user to https

Identification and classification	Test case 026 - Registration credential lengths System - uCal Webapp Module - UI Severity - 2
Instructions	<ul style="list-style-type: none">• Enter long username/password to test bounds of fields
Expected result	<ul style="list-style-type: none">• The server should handle these requests without crashing

Identification and classification	Test case 027 - Multiple Users Interacting System - uCal Webapp Module - UI Severity - 2
Instructions	<ul style="list-style-type: none"> Multiple users connect to the server and perform routine tasks
Expected result	<ul style="list-style-type: none"> The server handles multiple users without crashing

Identification and classification	Test case 028 - Concurrent Interactions System - uCal Webapp Module - UI Severity - 2
Instructions	<ul style="list-style-type: none"> A user attempts to modify/delete an event that is shared with others
Expected result	<ul style="list-style-type: none"> The others should see the changes/deletion of the event.