uCal Test Plan

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Identification and classification	Test Case 001 - Create an Event Severity: Critical
Instructions	- On the main view click the add event button. - After this fill in the information and click submit.
Expected result	- The server should validate and update the database. - The front end should update the UI.

Identification and classification	Test Case 002 - Delete an Event Severity: Critical
Instructions	- On the main view click the event to be deleted. - Click delete event from the menu.
Expected result	- The event should be removed from the UI. - The server should update the database.

Identification and classification	Test Case 003 - Login using Google Severity: Important
Instructions	When prompted to login the user selects login with Google, then fills out the appropriate information.
Expected result	The server validates their login and session.

Identification and classification	Test Case 004 - Login using Facebook Severity: Important
Instructions	● When prompted to login the user selects login with Facebook, then fills out the appropriate information.
Expected result	● The server validates their login and session.

Identification and classification	Test Case 005 - Logout Severity: Important
Instructions	● User clicks the logout button.
Expected result	● The server should close the session. ● The UI should return to the login page.

Identification and classification	Test Case 006 - Import Google Calendar Severity: Workaround
Instructions	● User clicks import Google Calendar
Expected result	● Google Calendar gets imported into your UCal

Identification and classification	Test Case 007 - Import iCalendar Severity: Workaround
Instructions	● User clicks import iCalendar
Expected result	● iCalendar gets imported into your UCal

Identification and classification	Test Case 008 - Create a group Severity: Important
Instructions	● The clicks the create new group button.

	● Enters a group name and add members to the group. ● Submits data
Expected result	● Server should save the group to database. ● Users invited to group should be notified and prompted to accept/decline.

Identification and classification	**Test Case 009 - Add member to group** **Severity: Important**
Instructions	● Navigate to the group page that you want to add a user to. ● Select add new members. ● Enter new users to add to the group ● Click submit
Expected result	● Server should save the new users to the group. ● Users invited to group should be notified and prompted to accept/decline.

Identification and classification	**Test Case 010 - Remove member from group** **Severity: Important**
Instructions	● Navigate to the group page you want to remove members from. ● Select remove users and select users to be removed. ● Submit data.
Expected result	● Validate permissions, and remove users appropriately from the database.

Identification and classification	**Test Case 011 - Schedule group meeting** **Severity: Workaround**

Instructions	● Navigate to the group you want to create a meeting for. ● Select schedule a new meeting. ● Select a time from the list of suggested times or manually enter your own. ● Click add event.
Expected result	● Server should return the suggested meeting times when the UI for input is opened. ● Once submitted the server should validate the users permissions and add the meeting to the database if appropriate.

Identification and classification	Test Case 012 - Invite people to event Severity: Workaround
Instructions	● When creating or editing an event, enter users that you want to invite to the event. ● Then submit the event or changes.
Expected result	● Notify the users invited to the event. ● Submit data to the server.

Identification and classification	Test Case 013 - RSVP an event Severity: Workaround
Instructions	● Go to the invite page for an event, and select request response. ● Submit the updated event.
Expected result	● Users that are invited should be prompted to accept/decline ● Database should be updated to store accepted declined status.

Identification and classification	Test Case 014 - Add location to event Severity: Workaround

Instructions	- Go to event page - Click "Add Location" button - Input event location
Expected result	Location is added to event

Identification and classification	**Test Case 015 - Find common free time for a group** **Severity: Important**
Instructions	- Go to event page - Click on an event - Select a time - A common time pops up
Expected result	Creates an event on all members calendar

Identification and classification	**Test Case 016 - Edit event name** **Severity: Workaround**
Instructions	- Go to event page - Click on an event - Click on edit - Type new event name
Expected result	Changed event name

Identification and classification	**Test Case 017 - Edit event location** **Severity: Workaround**
Instructions	- Go to event - Click on an event - Select edit location - Enter new location
Expected result	Changed event location

Identification and classification	**Test Case 018 - Edit group name**

	Severity: Workaround
Instructions	● Go to group page ● Click on edit ● Type new group name
Expected result	● Group name is changed

Identification and classification	**Test Case 019 - View yearly calendar** **Severity: Important**
Instructions	● Go to calendar page ● Click on the year ○ forward/backward
Expected result	● If you press the forward arrow, the year number should increment ● If you press the back arrow, the year number should decrement ● The year with correct calendar dates should appear

Identification and classification	**Test Case 020 - View monthly calendar** **Severity: Important**
Instructions	● Go to calendar page
Expected result	● An overview calendar of the days, month and the year should appear

Identification and classification	**Test Case 021 - View weekly calendar** **Severity: Important**
Instructions	● Go to calendar page ● Click on weekly view
Expected result	● A more detailed, "zoomed in" view of the week should appear.

Identification and classification	**Test Case 022 - Test multiple calendars**

	Severity: Workaround
Instructions	● Go to calendar page
Expected result	● Events from different calendars should appear

Identification and classification	**Test Case 023 - View user profile** **Severity: Workaround**
Instructions	● Click on user profile
Expected result	● Navigates to user profile

Identification and classification	**Test Case 024 - View users in group** **Severity: important**
Instructions	● Click on Group Users
Expected result	● A list of the Users in the group

Identification and classification	**Test Case 025 - Add event to database** **Severity: Critical**
Instructions	● Send POST request to database specifying the date, and event description
Expected result	● After querying for event id in database, event is printed out

Identification and classification	**Test Case 026 - Remove event from database** **Severity: Critical**
Instructions	● Send POST request to database specifying the event id
Expected result	● After querying for event id in database, no data is printed

Identification and classification	Test Case 027 - Import events from calendar into database Severity: Important
Instructions	● Upload csv/ical file to server
Expected result	● When querying database for new calendar events, a list of new events should be printed.

Identification and classification	Test Case 028 - Add OAuth users to database (Google/Facebook) Severity: Critical
Instructions	● Add uid and other meta information
Expected result	● When querying for uids, the new user's uid should be printed in the database.

Identification and classification	Test Case 029 - Clear authentication when logging out Severity: Critical
Instructions	● Send an HTTP GET Request to /logout
Expected result	● A 200 OK response should be sent.The session should be cleared from the express server.

Identification and classification	Test Case 030 - Create group in database Severity: Critical
Instructions	● Send an HTTP POST to /add-group with a group name and default users
Expected result	● A 200 OK response ● When querying for groups, the group's

	name and uid should be printed

Identification and classification	**Test Case 031 - Add user to group in database** **Severity: Critical**
Instructions	● Send an HTTP POST to /add-to-group with a group uid and user's uid
Expected result	● A 200 OK response ● When querying for users, the uid should be attached to the user specified

Identification and classification	**Test Case 032 - Remove user from group in database** **Severity: Critical**
Instructions	● Send an HTTP POST to /remove-from-group with a group uid and user's uid
Expected result	● User is no longer in group in the database

Identification and classification	**Test Case 033 - Remove group from database** **Severity: Critical**
Instructions	● Send an HTTP POST to /remove-group with a group uid
Expected result	● Group is no longer in the database

Identification and classification	**Test Case 034 - Add existing group to database** **Severity: Important**
Instructions	● Send an HTTP POST to /add-group

	with an existing group's uid and user's uid.
Expected result	● Respond with 4xx saying "Invalid; group already exists"

Identification and classification	**Test Case 035 - Remove non-existent group from database** **Severity: Important**
Instructions	● Send an HTTP POST to /remove-from-group with a non-existent group's uid
Expected result	● Respond with 4xx saying "Invalid group"

Identification and classification	**Test Case 036 - Add existing user to database** **Severity: Important**
Instructions	● Send an HTTP POST to /add-user with an existing user's uid
Expected result	● Respond with 4xx saying "User already exist"

Identification and classification	**Test Case 037 - Remove non-existent user from group in database** **Severity: Important**
Instructions	● Send an HTTP POST to /remove-user with a random non-existent user's uid
Expected result	● Respond with 4xx saying "Invalid user"

Identification and classification	**Test Case 038 - Add an event with a negative month to the database**

	Severity: Critical
Instructions	● Send an HTTP POST to /add-event with event information with negative month
Expected result	● Respond with 4xx saying "Invalid date"

Identification and classification	**Test Case 039 - Add an event with a month greater than 12 to the database** **Severity: Critical**
Instructions	● Send an HTTP POST to /add-event with event information with a month greater than 12
Expected result	● Respond with 4xx saying "Invalid date"

Identification and classification	**Test Case 040 - Add an event with a negative day to the database** **Severity: Critical**
Instructions	● Send an HTTP POST to /add-event with event information with negative day
Expected result	● Respond with 4xx saying "Invalid date"

Identification and classification	**Test Case 041 - Add an event with a day beyond 30/31 to the database** **Severity: Critical**
Instructions	● Send an HTTP POST to /add-event with event information with day beyond 30/31
Expected result	● Respond with 4xx saying "Invalid date"

Identification and classification	Test Case 041 - Add an event to check day boundaries **Severity: Critical**
Instructions	● Send an HTTP POST to /add-event with event information with day at the beginning and end of the boundaries
Expected result	● Respond with 4xx saying "Invalid date"

Identification and classification	Test Case 042 - Add an event to check month boundaries **Severity: Critical**
Instructions	● Send an HTTP POST to /add-event with event information with a month at the beginning and end of the boundaries
Expected result	● Respond with 4xx saying "Invalid date"

Identification and classification	Test Case 043 - Add an event to check year boundaries **Severity: Critical**
Instructions	● Send an HTTP POST to /add-event with event information with a year at the beginning and end of the boundaries
Expected result	● Respond with 4xx saying "Invalid date"

Identification and classification	Test Case 044 - Add an event with a negative year to the database **Severity: Critical**
Instructions	● Send an HTTP POST to /add-event with event information with negative

	year
Expected result	● Respond with 4xx saying "Invalid date"