

This week's goals were to add the ability for owners to delete their groups and events, users to be able to leave groups/events, the addition of a group tab alongside the events tab on the home screen, and the ability to see group members when selecting a group. These features have been completed.

It is now possible to delete groups and events if the user is the owner of the group/event. This is available via a delete button for groups, and a cancel button for events. It was decided that cancelled events would simply disappear. In the future it would be possible to add notifications to the application in order to facilitate "Event Cancelled" notifications to attendees of cancelled events.

Users may now join/leave groups/events. The user will be brought to the previous screen after joining/leaving a group/event, and the previous page will be refreshed. In the case of both events and groups, the "join/leave" options only appear if the user is not the owner. This functionality exists in the group/event tabs, as well as the search page. It is currently difficult to test joining events, because event invitations have not been added yet. The ability to join events should be functional, however, as it relies on similar machinery to group joining. Event invitations will be implemented in a future report. Timed expirations on events were to be added this week. This is not yet possible because events do not have a standard format for timekeeping yet. This is to be added on-schedule during a future report.

A group tab has been added that displays a user's current groups. This shows both groups that a user owns, and groups where the user is a member. The behavior of this page is identical to that of the event page. Selecting a group that the user owns will provide the edit page. Selecting a group that the user is a member of will display the group page with the ability to leave the group.

Users can now view the members of a group. When visiting the group as a non-member, member, or owner, the user is presented with a "members" button that may be pressed to see a `ListView` containing a list of current members. Users can select items in this list to view the profiles of group members. Users are automatically listed as members of groups they own.

In summary, groups and events can now be deleted by their owners. Groups and events can now be joined by users who are not already members of that group/event, left by users who are members of the group/event, and deleted by the owner of the group/event. There is now a group tab displaying the groups that the user is a member of, and the groups that the user owns. Groups now have a button to display a list of the group's members.