

3. Use-Cases

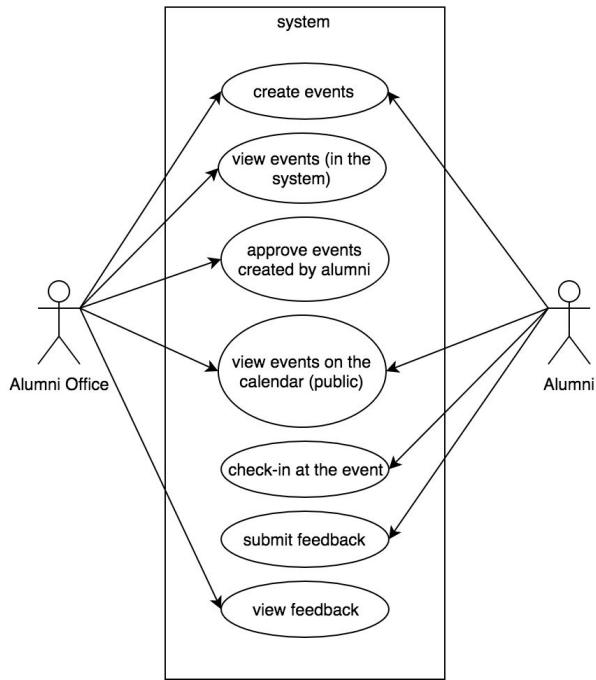


Figure 1: Case diagram of the system

With the system, the Alumni Office is able to create events and approve events created by alumni, while the alumni can use the system to create their own hosted events.

For the events that is created by the admin, it will be on the calendar automatically after creation.

For the events created by the alumni, they will be on the calendar if they are approved by the admin.

For all events, the alumni can check-in using the system and submit feedback afterwards.

The admin can then use the feedback collected to decide what kind of events are more popular and therefore hold more of this kind of events.

4. Activity Diagrams

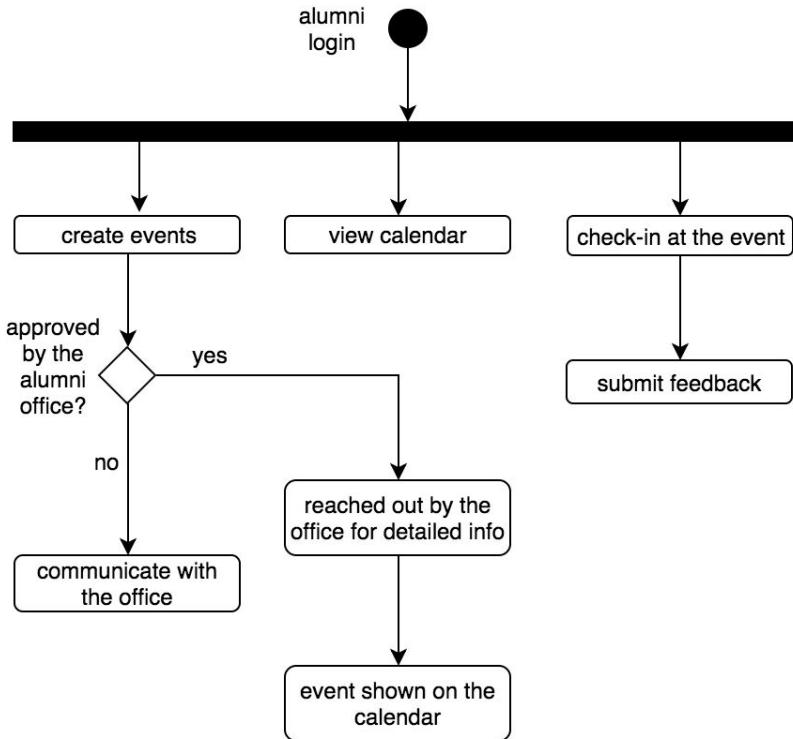


Figure 2: Activity diagram for alumni use

This activity diagram is what the alumni can do with the system.

Through the system, the alumni can create their own events as well as view the event calendar.

When the events that the alumni create is approved by the admin, the admin will reach out to the alumni for more detail about the events. After that, the events will be posted on the calendar. If the events are rejected, the alumni can choose to communicate with the office privately to discuss.

When the alumni attend any event, they can check-in at the event using the system, and submit feedback afterwards.

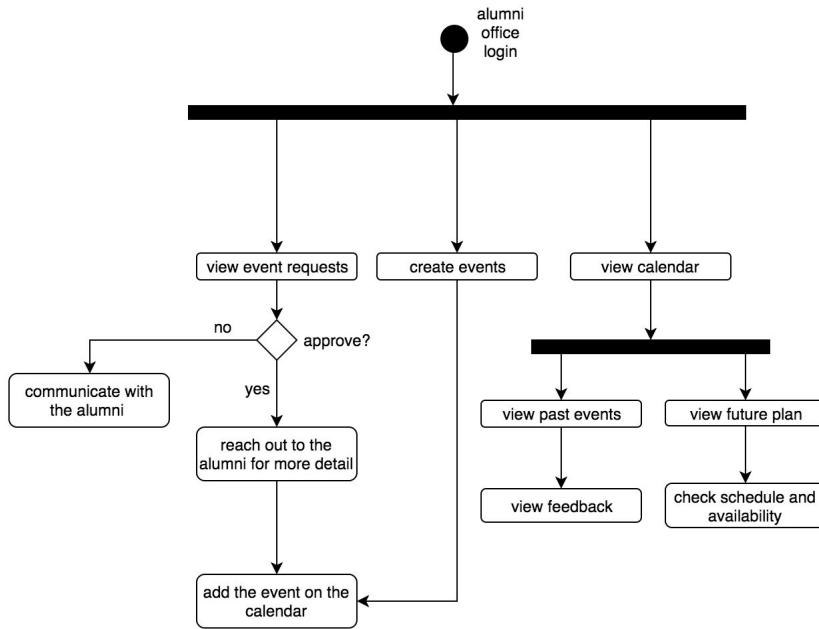


Figure 3: Activity diagram for alumni office use

This activity diagram is what the alumni office can do with the system.

Through the system, the admin can view event requests by the alumni, view the event calendar, and create official events.

When the admin decides to approve certain event, the admin will reach out to the alumni who created it for more information about the event. When both sides agree on all details about the event, the admin can then add the event on the calendar. When the admin decides to reject an event, they can communicate with the alumni privately.

By viewing feedback of the past events on the calendar, the admin can learn what kind of events is more popular or immersive and then hold more of these events in the future. By view the calendar for future plan, the admin can check availability and therefore avoid conflict while adding events to the system.

9. Test Plan

Functional Test Plan: When we are testing, we need to make sure that the users are able to create events and view the calendar. Additionally, for the faculties in the alumni office, they should be able to approve or reject events created by the alumni.

Security Test Plan: Since the system is only for the Alumni Office and alumni, users that aren't in either category should not have access to the website. If the name, year of graduation that the user inputs cannot be found in the system, s/he can't access the website. Only faculties in the Alumni Office should be authorized to approve events. The email addresses of these users will be authorized will full access to the system.