The following use cases were defined by our team and our mock client meeting during Lab 1, and were later refined upon as we better understood the scope of our project. Each use case lists the title of the use case, the primary actors, preconditions, description, and the acceptance criteria.

Use Case 1: Create an Account

Primary Actor: End User

Preconditions: The user has downloaded the application.

Description: As an end user of the software product, I want to be able to create an account with my personal information, then be able to log in and can be seen by other end users.

Acceptance Criteria: I can create an account without hassle.

Use Case 2: Add an Event

Primary Actor: End User

Preconditions: The user is logged into an account.

Description: As an end user of the system, I want to be able to add new events. I want to be able to specify the start and end times, the date of the event, the name of the event, and add any additional information. Additional information will be considered location, description, and the tag of the event.

Acceptance Criteria: A new event is created with all relevant info that I put in.

Use Case 3: View Events in Calendar

Primary Actor: End User

Preconditions: The user logged into account.

Description: As an end user of the software product, I want to be able to view and edit events that have been created by myself or other end users that I have been invited to or accepted in.

Acceptance Criteria: I can view all events that I am involved with.

Use Case 4: Add Friends

Primary Actor: End User

Preconditions: User has downloaded the application, has an account, and is logged in.

Description: I want to be able to add friends on the platform so that I can see their calendars, they can see mine, and we can create joint events.

Acceptance Criteria: I can add friends, see my total list of friends, and be able to modify my friend relationships.

Use Case 5: Check Friends' Events

Primary Actor: End User

Preconditions: The user has downloaded the application, is logged into an account, has friends added, and those friends have Events added to their calendar.

Description: Once I have added friends on the application, I want to be able to view the public events that my friends have added to their calendars.

Acceptance Criteria: I can view a friends calendar and be able to view their events.