Problem Definition:

Create a website for groups to communicate, through group chat, file sharing, and calendar software.

Users:

1. General User

* Basic user of the site

1. Group Admin

* Basic user of the site who has created a group or was assigned admin privileges to a group

Features:

1. **User Features:**

* Access features
  + Sign in -Done
  + Sign up – not implemented
  + Sign out -not implemented
  + Recover forgotten password – not implemented
* Group Features
  + Create a Group -Done
  + Leave a Group
  + View group members
  + View group name and description
* Group Files
  + Upload group files -Done
  + Download group files -Done
  + View group file list -Done
  + Delete file (any user can delete any group file) – Done
* Group Calendar
  + Add group event -Done
  + View all group events -Done
  + Edit group events -Done
  + Delete group events (any user can delete any group event) -Done
* Group Chat -not implemented
  + Add message to group chat
  + View group chat
* Personal Files
  + Upload private files -Done
  + Download private files -Done
  + View private file list -Done
  + Delete file – Done
* Personal Calendar -Done
  + Add personal event
  + View all personal events
  + Edit personal events
  + Delete personal events
* Profile
  + Delete Account – not implemented
  + View profile -Done
  + Edit profile
    - Picture -Half Done
    - First Name -not implemented
    - Last Name -not implemented
    - Email -not implemented
    - Phone number -Done
* Notifications
  + Chat Notification – not implemented
  + File Notification – not implemented
  + Calendar Notification – not implemented
  + Group Requests (group that are requesting you as a user)

1. **Admin Leader Features:**

* All features of a User
* Add Admin Leaders to a group – not implemented
* Add members to a group – not implemented
* Delete member from a group – not implemented
* Review Requests (Users have requested to join group)

Qualities: We only need the four discussed in class.

* User friendliness
  + This is needed so users are able to use the website without frustration
  + This means the user interface should have an intuitive design and helpful prompt should be given to assist users when needed
* Correctness
  + messages and files need to be correct so there is no confusion in the group
* Robustness
  + Since the system is taking input from the user, no user input should break the system
* Performance (Time
  + In order to ensure the usability of the software file uploading and downloading must be fast