

The Loop: Teamwork Plan

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Stakeholders and roles

For the application, there are two distinct groups that would be interested in the application, MIT groups and MIT students. For groups, the application would provide a new medium to advertise and publicize their events occurring on campus. For students, the application offers a central location of events that are occurring and also allows students to be in the loop of events on campus.

The application is largely dependent on the interactions of MIT students groups at this point. In order to have events added to the page, a user would have to submit an event on behalf of the group. Further interaction would be the group maintaining their event information and other users setting event preferences. Since this app is primarily for use at MIT, there are not any expected people who would look to make a profit off of it, but maybe if the application was made more general, it would become of interest.

Resources and constraints

For our application, the most pressing issue is that of participation from student groups. Since the application relies on contribution of events, if we wanted to have a useful app, we would first need to have a subset of student groups to agree to use it. For 6.170, this isn't necessary, but would be if we wanted to deploy to the MIT community. The large time constraint would be the assigned time of the project and outside of this there is no other time or cost constraints.

Tasks, allocation, and milestones

Tasks

User login - Mikael Mengistu

Main Feed - Richard Lu

Tags - Christian Mata

New Events - Mikael Mengistu

Photo Uploading - Calvin Li

Calendar Widget - Richard Lu

Group Context - Christian Mata

Site Admin Context - Calvin Li

Milestones

Individual data model/wireframe designs - Monday 11/10

User Interface design & wireframing - Tuesday 11/11

API design - Wednesday 11/12

MVP API implementation - Saturday 11/15

MVP UI implementation - Saturday 11/15

MVP API & UI incorporation - Monday 11/17

Final API implementation - Saturday 11/29

Final UI implementation - Saturday 11/29

Final API & UI incorporation - Tuesday 12/2

Risks and mitigations

- Each team member codes in a different framework or with different conventions, making integration difficult for everyone.
 - Set up coding conventions that will be used throughout app beforehand
 - Plan out all frameworks required for development
- Hastily developed and poorly written code committed to the repository
 - Mitigate by having milestones for implementation prior to the due date.
 - Work on separate branches, review code before merging to master.

MVP

For the Minimal Viable Product, the concepts that will be included are:

Main Feed

Users/Groups/Group Admins

Events

The postponed concepts are:

Filtering/Tags

Following

Site Admins

RSVP