

Teamwork Plan

Stakeholders

Hyungie Sung - Authentication

Jessica Andersen - Main UI functionality; implementing the map (with Google Maps API) and the sidebar

Nick Mohr - Creating new parties; attending parties

Carolyn Holz - Attending parties; adding a class to user

Resources

- One week to implement the MVP.
- Team members out of town between MVP and revised design.
- Travel over Thanksgiving limits our time to finish the final implementation.
- Other final projects limit our time to document and prepare for demonstrations.

Tasks

Task	Allocation	Expected effort	Intermediate milestone	Final milestone
Authentication	Hyungie	5 hours	11/16 Sign in process with email and password	11/18 Sign in with verification (possibly transition to certificates)
Map	Jessica	6 hours	11/15 No AJAX calls, just front end functionality	11/18 Works with API
Sidebar	Jessica	3 hours	11/15 No AJAX calls, just front end functionality	11/18 Works with API
User API & Schema	Carolyn	1 hour	N/A	11/12
Attending Parties	Carolyn, Nick	4 hours	11/14 Users can join or leave parties.	11/15 Reactive API

			Parties hold attendees	
Add classes to Users	Carolyn	1 hour	Users can add or delete classes they are taking	11/13
Creating New Parties	Nick	5 hours	11/15 Users can create new parties through API	11/18 Users can create new parties using the Front End

Risks

- *Extraneous or forgotten parties*
Set a timeout for a party when it is created. Identify some maximum time after which the party is deleted.
- *Too many parties on the map*
Show only parties for the classes that a user has identified that they are taking.
- *Refreshing new parties*
Use a reactive data model to push the creation and deletion of parties to the map.
- Google map image not providing what we need
We have our own image with the labels we want and we will use the Google API over it.
- *Confusion about locations*
Have a building name separate from the location within the building. Give the user some direction with this separation and suggestions for filling in the building name such as building number and location such as room number or lounge.

MVP

Elements for MVP

- Post party
- See open parties in interactive maps
 - Image with pins
 - Use Google API over our own image
- Filter by classes
- Attendees and who is attending

Concepts

All concepts are included

Issues Postponed

- Browser Notifications
 - The tab will show the user when a new party has appeared on the map
- Blacklist/Whitelist
 - Identify users you don't want to work with so their parties don't show up
 - Identify users you definitely want to work with so their parties are more prominent or highlighted in some way
- Handling multiple semesters
 - Clear users classes at the end of a semester
 - Saves time for the user
- Filtering on personal preferences
 - Allow the user to specify a group size and only show parties within that size