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CIS 195  
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11/26/12

## Final Project Proposal

### Members:

I am working on this alone.

### Overview:

My family members use many different applications to stay in touch with each other. We do instant messaging, location tracking, photo-sharing, calendar-sharing, and more all through different applications. It is hard to keep track of all of these applications, and we often forget to check many of them. In order to make keeping in touch easier, I want to take the necessary features from all of these applications, and combine them into one customized app. Ideally, this app will have a message board for announcements, a calendar for event planning, a photo album, a family member list with detailed profiles, location tracking, and instant messaging. My family members should be able to sign up, log in, and invite other family members via email. This will provide my family with a great one-touch alternative to the many apps we use now.

### Pitch:

For my family members, we should care about the app because this app will reduce the number of apps we need to check to stay in touch with one another. This app will take care of every family-related functionality that we use on our phones other than calling, texting, emailing, and Facetime. In other words, this app will replace all social networking apps that we use for exclusively keeping in touch with one another. This will not only make keeping in touch with one another much simpler than it is now, but also free up the apps we use now. I often have trouble keeping family and friends separated on apps like Facebook, and with this app, I will no longer have to worry about my family having access to everything my friends and I discuss, and vice versa.

For those who are not in my family, they should care about this app because if I make it available to other families, their families can take advantage of the same features.

Furthermore, I plan to generalize this app for any small, exclusive groups, so friends, coworkers, teammates, classmates, etc., can have their own apps just for sharing with one another. Mass social media has clearly demonstrated its usefulness and popularity, but I believe that it is not as natural, healthy, nor needed as social media geared towards much smaller and private groups. Since the vast majority of groups that people actually socialize with in their lives do not have more than fifteen to twenty people, I think that a sharing and keeping-in-touch app for ten, fifteen, to maybe twenty people would be very useful for many people's social lives.

#### Technical challenges:

I will have to learn quite a few API's in a short amount of time to have the basic functionalities of this app up and running. I will most likely have many tabs for all of the different functionalities, and some of the tabs will be master-view. I will probably use the Notes homework and Message Board homework as starting points, combine the two into multi-tabbed, location-tracking message board, and add more and more of the desired functionalities. I think that the biggest challenges will come from having to learn and incorporate many API's and from dealing with data and user management.

#### Milestones:

I hope to have the location-tracking message board up by the end of the week. Then, I want to spend maybe another week taking care of user sign-up and account management. Once I have this basic, multi-user message board with user profiles set up, I will begin adding calendar and photo album features. If I have time, I will try to add one on one instant messaging.