CS411 Web Application Proposals

**Proposal 1:** Lunch Buddy

A web-based application for the user to find friends to eat with. They will use Facebook to make an account and input their preferred time to eat and preferred cuisine among other eating related notes. It will provide the user with dining options and Facebook friends who are near-by and have the same eating schedule. It would pull data from the *Yelp Fusion API* to make sure recommendations have high ratings. It would also pull data from the *Google Calendar API* to look for similar openings in friend’s schedules to broaden opportunities to eat together.

**Proposal 2:** Automated Event Playlist

Generates a custom playlist based on music preferences of all attendees. User logs into Facebook and create a Facebook Event for an occasion & a description. The Twinword Emotion Analysis API gets emotional data for the context of the event through the event description. Get Spotify user data from the Spotify API and create user profiles for all attendees. Use the Galiboo Music API to select a list of tracks that match the user profiles of most attendees.