

## CSCI 188 Project Proposal

### Poll.app

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#### ***Project Abstract***

I'd like to make an iOS app that displays public political polls, specifically ones pulled from the pollster.com api, but also allowing for other data sources.

#### ***Strategy***

I will develop my app based on the iOS 6 SDK. I want to target it at most recent phones. I do not believe it will be a universal app. I will use Core Animation to display unique charts and graphs, Core Location to display polls in your location, and push notifications to tell you when a new poll has been posted.

#### ***Unknowns & Problems***

I've played with the Pollster.com API from the Ruby side, but need to make sure I can access it from the iOS side. It's a basic REST api, so something like RestKit should work just fine. I've done some graphics work in the past, and really want to make a fast and useful UI.

#### ***Implementation Plan***

First, I will implement the backend that can pull data from Pollster.com. That's the most critical part. I will then work on the storage for that data, whether I use Core Data or or just store it in the app bundle. I want to use unit tests (as tests are a huge part in Ruby, my primary language). I'm a huge fan of the original Tweetie interface, and will model my table views off of that simple gradient style. I want the app to show new data with minimal button presses and interactions – simple, effective navigation.

Milestones:

Data by Class 6

Initial UI by Class 8

Refined UI by Class 10

Core Location by Class 12

Push Notifications before the due date