

CSCI 4327 Project Proposal

It's Always 5 O'Clock

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Project Abstract

It's always 5 O'Clock somewhere. That phrase will have new meaning with this app. The goal of this app is to tell you where in the world it is currently 5 pm and tell you the best beers from that country or region.

Strategy

This app will target iPhone owners running iOS 6 and above. The app will utilize at least one online database of beer ratings and beer information. Two potential databases are ratebeer.com and beermapping.com as well as possible Yelp integration. The app will use Apple's built in MapKit framework for displaying the locations of nearby bars.

Unknowns & Problems

I am not yet familiar with web querying but as that is needed for other projects this semester I should not run into major problems with that. API keys for the databases should be easy to obtain (based on initial research). I also have not used Apple's MapKit framework. I am not yet sure what the scope of this project will be, it will probably be limited to the DC area although, depending on the data I can get from the database, it may be easy to have many cities.

Implementation Plan

I plan to first obtain the API keys from the required databases and also search for other potential databases. I will experiment with Apple's MapKit framework and with grabbing data from the web to populate tableViewControllers. I have some experience with both static and dynamic tableViewControllers. Once I have some experience with the different frameworks I will be using I can build the app.