Assignment 5 - Rate The Instructor
Due Nov 10 23:59

Objectives

Table Views, Navigation, network connections

App description

You will build an iPhone app that accesses information about instructors and lets people rate them. Use a table view to present some identifying information about each instructor. When the user selects an instructor they get a view of more detailed information about that instructor. The information available about an instructor is:

First name
Last name
Office
Phone
Email
Rating
Comments

You also need to provide a way to rate an instructor on a scale of 1 to 5 (integer values only) and provide comments about an instructor. The user can either add a comment about the instructor or rate the instructor or both.

The information is available in JSON format using a REST-like interface via http using the following urls.

**GET urls**

http://bismarck.sdsu.edu/rateme/list

Returns an json array. Each element of the array is a json object (dictionary). The keys of the object are:

id - value is a number
firstName - value is a string
lastName - value is a string

The id is the identifier to be used when referring to the given instructor. Here is an example of an object:

{"id":2,"firstName":"Dr. Leland","lastName":"Beck"}

http://bismarck.sdsu.edu/rateme/instructor/n

Returns an json object. All the keys are shown in the example below. The rating key has a value that is a json object.

'{"id":2,"office":"GMCS 407B","phone":"619-594-6191","email":"beck@cs.sdsu.edu","rating":{"average":5.0,"totalRatings":12},"firstName":"Dr. Leland","lastName":"Beck"}'

http://bismarck.sdsu.edu/rateme/comments/n

Returns the comments for the instructor with id "n". The result is a json array of objects. Each object represents one comment. The object contains keys "text" and "date". The date is the date the comment was submitted to the server. The text is the actual comment. Below is a example.

'[{"text":"Good Instructor","date":"10/26/11"},{"text":"do it","date":"10/25/11"},{"text":"cat","date":"10/24/11"},{"text":"He is cold","date":"10/24/11"},{"text":"He is hot","date":"10/24/11"}]'

## Post URLs

http://bismarck.sdsu.edu/rateme/rating/n/k

Adds the rating "k" to the instructor with id "n". "k" is one of the values 1, 2, 3, 4, or 5.

http://bismarck.sdsu.edu/rateme/comment/n

Adds a comment to the instructor with id "n". The comment is the body of the post.

## Grading

The assignment will be graded as follows:

| Points | Item |
|--------|------|
| 35 | Network connections |
| 20 | Table View for Instructors |
| 20 | Instructor detail view(s) |
| 15 | Posting rating & Comments |
| 10 | GUI look |

What to Turn in

Create a Xcode project for the assignment. Xcode places the project in its own directory. Place the directory (and all its contents) into a zip file.  We will use the course portal (http://bismarck.sdsu.edu/CoursePortal).