

Week3a - Assignment Making Rest Calls

Due Feb 18 by 11:59pm **Points** 22 **Submitting** a text entry box
Available until Feb 18 at 11:59pm

This assignment was locked Feb 18 at 11:59pm.


In this assignment we will make a program that will return the current temperature for a preselected set of cities. Use your darksky account to get the temperature. The "trick" is that you will cache (store) temperatures in the database for 60 minutes to avoid overloading/overusing your darksky api.

- Create a web1.0 application that will present the user with a form letting them choose at least 5 different cities.
- Upon submitting a location, the application will first look in the database to see if it has a current (less than 60 minute old) value for the current temperature.
- If it does not have a current temperature the code will call the darksky site to get the temperature, store the temperature in the database
- Then display the temperature in the web page.
 - Please display the time of the temperature. Eg: either "current" or the time the value was retrieved and stored in the cache.

(Note: get it working with just the darksky call first and no caching.)

Details:

Run this on your openstack server:

- This should be accessible via <http://UID.451.csi.miamioh.edu/cse451-UID-web/Temperature/index.php>  (<http://UID.451.csi.miamioh.edu/cse451-UID-web/Temperature/index.php>)
- Submit links to this application and to the code in git.

Some Rubric (27)

Criteria	Ratings		Pts
Displays Temperature for at least 5 cities	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Caches temperatures	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Quality of error checking	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Code Quality	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Misc (submission, late, etc)	2.0 pts Full Marks	0.0 pts No Marks	2.0 pts
Total Points: 22.0			