

# CPSC 473 - Web Programming and Data Management

Spring 2015

## Homework Assignment 4, due the week of March 9

In this homework assignment, you will complete the exercise on p. 180 of Chapter 5, “Other APIs,” by researching third-party Web Service APIs that might be incorporated into Project 1.

Complete the following steps.

1. Briefly describe your team’s project
2. Research and compile a list of APIs that might be useful for your project
3. For each API, briefly describe how its functionality might be used in your project
4. Choose one API from your list and create an example web page using [jQuery AJAX](#) to call the API and display the returned results
5. Describe why you chose that particular API and provide a link to its documentation
6. Discuss any potential issues that you can foresee with using this API in your project
7. Evaluate your experience creating the example web page and make a recommendation of whether your team should use this API or keep looking for better options
8. Describe how the example you wrote might be expanded to use additional functionality provided by the API

### Submission

E-mail the following items to [csuf.kenytt.net@gmail.com](mailto:csuf.kenytt.net@gmail.com):

1. A link to a GitHub repository for your example program
2. Screenshots showing your web page in action
3. Written answers to each of the items above. Responses can either be included directly in your e-mail or added as a [README.md](#) file for your repository.

### Tips

- If you have a partner, be sure to include the names of both partners in your e-mail.
- Set the Subject: line of your e-mail to  
[CPSC 473 - Section 1] Assignment 4  
or

[CPSC 473 - Section 2] Assignment 4  
as appropriate (Wednesday night is Section 1; Monday night is Section 2).

#### Grading

This exercise is worth 10 points: 3 points for a working example program (step 4), and one point for each written response.