Project #3
CS 3220

Due: in class (demo)

Improve the term project by adding AJAX and JQuery.

Specific guidelines:

a. Use AJAX to read Plan data in JSON format and then use in the dynamic display from project 2;, i.e., do same thing, but get data from AJAX not by creating it manually in Javascript. Your AJAX should hit: judah/~gallaghd/cs3220/termProject/getPlan.php.
b. Create a search table in the LR div similar to APE using JQueryUI. To get the data, hit: judah/~gallaghd/cs3220/termProject/getCourseList.php.
c. Create an accordion using JQueryUI. For this project, you can populate it with static data.
d. Solve the Kelley Blue Book problem using basic AJAX techniques from scratch; i.e., don't use any library to abstract out the AJAX. The data will come from the server in XML. Place this in the LL div of your project.
    1) A server-side app will be provided for you to support the first two parts (the AJAX). The URL is: /~gallaghd/ymm/ymmdb.php.
    2) Fetch JSON data by adding the name/value pair: "fmt=json".
    3) To get the first set of options (the years), do not use any other pairs.
    4) To get the 2nd set of options (the makes), add a parameter "year=yr", where yr is the value from year <select> element. The response will have subfields "id" and "name".
    5) To get the 3rd set of options (the models), keep the year parameter and add another parameter "make=mk" where mk is the id field from the make <select> element. Again, the response will have subfields "id" and "name". So, the complete URL will be something like: /~gallaghd/ymm/ymmdb.php?fmt=xml&year=2008&make=4
e. Warning: AJAX doesn't work across domains, and seems to have issues between fully qualified names and shorter names (e.g., judah and judah.cedarville.edu). Thus, on your AJAX calls, use a relative URL, i.e., /~gallaghd/ymm/ymmdb.php.
f. Feel free to add any other cool features you like!

Required for turn-in:

a. A demo will be required.
b. Your code.
c. A short write-up describing your approach and any problems you ran into/lessons learned.