

Add the following features to your in-class assignment

1. Show the list of registered courses by using an AJAX call to a servlet that returns the list of registered courses, instead of sending this list from the servlet corresponding to the registration page.
  - The servlet must check for valid session, and send the list of courses back as a JSON object.
  - Use the Java json object builder class for this. See <http://docs.oracle.com/javase/7/api/javax/json/JsonObjectBuilder.html>
2. When the ADD button is clicked, on completion of the AJAX call, in addition to displaying the status, the list of courses is updated by loading it again.
3. Display along with each registered course an X icon, which can be used to drop the course. You should have a popup that verifies from the user that she wanted to drop the course, and then drops it using an AJAX call.
  - You can see how to create such buttons at the following page: [http://www.w3schools.com/jsref/tryit.asp?filename=tryjsref\\_table\\_deleterow2](http://www.w3schools.com/jsref/tryit.asp?filename=tryjsref_table_deleterow2). But note that the above example deletes the row locally; you have to delete it from the database, and on successful deletion, delete it locally.
4. Add a new servlet browseCourses which allows the user to select a department name. On selecting a department name the list of course sections in the current year/sem offered by the department should be displayed as a table. The table should be nicely formatted with different colours for alternating rows (see how to do this using CSS at: [http://www.w3schools.com/html/html\\_tables.asp](http://www.w3schools.com/html/html_tables.asp) )