**CSCI 3381 OO with Java Project 3**

Car Value Predictor Servlet

**Overview:**

The program will create a Servlet that will respond to HTML requests with text streams. The servlet will have locally instantiated Car and Predictor objects. The website will display three different files. The first will allow the user to enter their user name and password. If authenticated, the user will then be presented with the second page which will allow the user to select descriptors of the car they wish to find the value of. These selectors can be any combination of drop down lists, radio buttons etc. Once the user fills in information about the trade in car and the original value of the car, they will click a button that will display the third page. This page will display some information found from the Predictor class. This will include the car(s) closest to the input car and the value of the trade in car. The value needs to relate to the prediction.

**Specifics**:

index.html – Webpage that allows the user to input their name and password

secondPage.jsp – Webpage that displays the results from the servlet as outlined above

thirdPage.jsp – Webpage that displays the results from the user's selection in secondPage.jsp

DataServlet.java – The servlet class that manages all of the requests and responses.

All of the classes provided in the Project 1 solution should/can be used.

**Project Objective:** in completing this project, you will

* Understand how a servlet acts as the Controller between the user (View) and the data (Model).

**Due Dates and Honor:**

This project will be due by the end of day December 3rd. This is an independent programming project, and it is very important that you understand and abide by the policy concerning programming projects. Remember, your personal honor and integrity is far more important than your grade on the project.

**What to Submit via Blackboard:**

* Submit
  + a screen shot of index.html, filled with user input.
  + a screenshot of second.jsp with car data filled in. (any any other functionality displayed)
  + a screenshot of the thirdPage.jsp
  + The importable zip file. You should test this by creating a blank workspace and importing your zip file. If it runs and you can see the java files, then you created the jar file correctly. See the TurningInProject.pdf file for more details.