## CIS 521 Programming Assignment 4 Kutztown University

**DUE**: TBD **POINTS**: 25

**PURPOSE:** To implement a web-based application using JDBC and servlets

DESCRIPTION: Rework the previous project, using newly learned paradigms, including a JSP page as the target of the action off your web page forms, at least one Java Bean, an object in the session, and a cookie. The cookie should be used to populate the opening screen with the previous data when a user returns to your page.

You may retain your servlets to perform other functions, or may convert them to objects accessed by the JSP.

Also, in this project, all pages are to be partitioned so that once the query page is loaded, the entire page is never reloaded.

Detail your design in your readme. Document your work using web-based tools; one possibility is a documenting tool for jsp called jspDoc (<a href="http://jspdoc.sourceforge.net/">http://jspdoc.sourceforge.net/</a>; manual link says *upload*). Let's find out if that or doxygen can handle the different file types, or if some other tool will work. Discuss on the forum.

All requirements, notes, etc; from previous projects apply.

<u>Turnin:</u> Your html, jsp, bean(s), servlets, etc; and any other (script?) files. Turn in a file named readme.txt that contains links to the application and documentation. The readme should also describe what elements in project 3 were updated to JSP bean(s), describe the cookie(s), use of the session, etc; It may also describe design decisions, etc; **4 point penalty for not providing links**.