Overall Design

General

       The assignment was to create a login and enrollment features for a simple program. There minimum specifications on the implementation, so I just kept it simple. After running the program, you are taken to the index.jsp page that has two text fields to use for logging into the "website" by retrieving the username and password from an existing MySQL database. The index.jsp page also has a link to an enroll.jsp file below the login portion on the index.jsp page. Both the index.jsp and enroll.jsp files refer to a servlet LonInServlet.java and AddServlet.java; respectively.

index.jsp connection to LogInServlet

       The index.jsp file uses the LogInServlet.java class to grab the user input, open a session into the MySQL database, query the database for the username provided by the user, and then the LogInServlet verifies the user's password if their username is in the database. If the username is not in the database then the LogInServlet displays the index.jsp page to display an error and allows the user another chance at logging into the landing page.

Enroll.jsp connection to AddServlet

       When you select the "Enroll Here" hyper link on the index.jsp page you are taken to the enroll.jsp file that has two simple text field for you to use to input a new user into the MySQL database. If you are missing any input in either of the fields then an error will occur and you will be notified of the failure. But if there is no failure then you will be taken to the index.jsp page within the AddServlet to be given a chance to sign into the program and be taken to the landing page.