Log-in Document

* You should also document your design (as you have done in previous projects). That should include:
  + An overview of the data layer including DDL and any diagrams that may be helpful in showing the structure of the data layer.

1. User database using hibernate

Overall Design:

Project Structure Diagrams:

Data Layer Overview:

User Guide:

Development:

* First step involved reading the requirements of the project and determining what needed to be done. The requirements were rewritten so the information was easier to read and easier to digest
* After reading through the requirements it was time to start planning. My first objective would be to create the index/landing page to get it set up and working. Afterwards I would set up the other pages and get them all linked before adding any further functionality
* In order to link all the servlets and jsp files properly, I had to use a few different methods for each for the different syntaxes. After they were linked, I could start writing the forms for the log-in a register pages. After those I could start writing the servlet code in order to make the proper checks. I created a new database so that the servlets had a server to connect to, but as of right now they don’t have any members.
* After I wrote some of the basic functions, I decided to make another jsp file to notify the user whenever they have an unsuccessful login. This page worked out very well, but I had some issues getting the login screen to have successful logins
* After I finished the issue with logging in, I worked on the register pages. Making sure the servlet was inserting data into the database and that there were no duplicate usernames. If someone does try to reuse a username, they are redirected to another page