Lab 7 - JSF

Summary

The purpose of this assignment is to fully replace our prior Servlet/JSP work from Lab 3 with JSF functionality.

Requirements

Documentation

No writeup required for Lab 7

Database Setup

Use your itmd4515 database and user from Lab 1.

Project Setup

Your uid-fp repository should already be setup, and you should continue pushing your commits into GitHub for this lab. Use a prefix of Lab 7 on your commit messages so I can distinguish them from other labs.

Deviating from the package convention given above will mean that you can not benefit from Sonar and other automated tools, and I will not be able to fix this. Please follow the specification!

Project Requirements

You should add these changes to your uid-fp project.

Make sure you are following standard Java naming conventions. Please review the following if you are not sure what those naming conventions are:

- [Java 8 Pocket Guide by Patricia Liguori, Robert Liguori - Chapter 1. Naming Conventions](#)
- [Code Conventions for the Java Programming Language - 9 Naming Conventions](#) (dated, but still correct)

You are welcome to follow the design and patterns I used in my examples, but if you find yourself doing so please make sure you provide a reference in your javadoc comments and/or Confluence page explaining that you based your project on "Instructor Example" or "Example from Web." Always provide references and citations when you use ideas from

other sources. Don't copy and paste my code, however, you need to adapt designs and patterns to your own projects and actually write the code yourself.

1. As demonstrated in class, replace your Lab 3 functionality with corresponding JSF components:
    1. Remove any lingering Servlet, JSP or related code.
    2. Create a JSF backing bean or controller (a named and scoped bean)
    3. Create the following JSF pages:
        1. A JSF form to create your entity. This should use a commandButton to invoke an action method inside the JSF controller/backing bean. I also used h:message tags to display corresponding output to the user. The action method used my EJB create method.
        2. A confirmation page to display fields from the saved entity
        3. That's it for now!
2. Submit to Blackboard or Beacon
    1. Right your **uid-fp** project and select "Clean"
    2. Go to your NetBeans Projects directory. Create a zip file of the **uid-fp** folder and submit it to the Canvas or Beacon assignment.