

# 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 Blackboard or Beacon assignment.