Assignment 4

Regis University

MSSE674 – Enterprise Java Software Development

Spring 2021 Week 1

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# Introduction:

This week’s assignment was to create a front end controller using the JSF technology where the user inputs data that goes from the frontend to the backend database to either display a failedLogin.xhtml JSF page if credentials entered by the user are null or a Search.xhtml JSF page if credentials are not equal to null. Currently, I have it creating a new entry into the database to ensure the login.userName inputText is getting a value plugged into the managed bean. My program is still not reading the inputText into the database so I am not sure if I am missing linking code or what I am doing wrong in my code. Hopefully after looking at it you can tell me what I am doing wrong? However, everything is connected and running correctly for the front-end and back-end so I feel comfortable submitting it as is.

## Classes created and/or modified for this assignment:

LoginBean.java: Palmer\_Brenda674\_Week4\MSSE674\src\com\osdl\bean

OSDLComposite.java: Palmer\_Brenda674\_Week4\MSSE674\src\com\osdl\bean

LoginManager.java: Palmer\_Brenda674\_Week4\MSSE674\src\com\osdl\business

Factory.java: Palmer\_Brenda674\_Week4\MSSE674\src\com\osdl\service

IService: Palmer\_Brenda674\_Week4\MSSE674\src\com\osdl\service

ILoginService: Palmer\_Brenda674\_Week4\MSSE674\src\com\osdl\service

LoginJDBCImpl: Palmer\_Brenda674\_Week4\MSSE674\src\com\osdl\service

LoginManagerTest.java: Palmer\_Brenda674\_Week4\MSSE674\src\com\osdl\business\tests

LoginImplTest.java: Palmer\_Brenda674\_Week4\MSSE674\src

AllTests.java: Palmer\_Brenda674\_Week4\MSSE674\src

## Files Modified for this assignment:

Web.xml: Palmer\_Brenda674\_Week4\MSSE674\WebContent\WEB-INF

Faces-config.xml: Palmer\_Brenda674\_Week4\MSSE674\WebContent\WEB-INF

Tomcats Context.xml: file attached in assignment submission

## MySQL Database:

The following file includes the exported mysql database I used for this assignment:

PalmerWeek4.sql: file attached in assignment submission

# Screenshots of the XHTML Pages, JUnit Tests and Console Output:

## Login.xhtml:

Graphical user interface, table

Description automatically generated

## failedLogin.xhtml:

Graphical user interface, application

Description automatically generated

## Search.xhtml:

Graphical user interface

Description automatically generated

## JUnit Tests:

Graphical user interface, text, application

Description automatically generated

## Console Output:

Graphical user interface, text, application

Description automatically generated

# Resource(s):

Regis University (2021). MSSE674-4 JavaServerFaces PowerPoint slides

Regis University (2021) MySQL -Week 4 PowerPoint slides

When errors arose I used many different pages of <https://www.stackoverflow.com>, https://www.duckduckgo.com and http://www.google.com