

Instructions:

- This assignment is done as an individual exercise.
 - **Note:** You are responsible for reviewing, complete testing, and final submission.
-

Questions:

1. **Create New Project** named FirstNameLastName_Assignment_4.
2. In this Assignment, you will develop a Java Web Application with EJB, Servlet Specification and JBOSS/Wildfly Application Server.

Tasks:

You will Develop an Account Service with the Functionality of deposit and withdraw an amount entered by the User.

1. Create a Package named EJB.
2. Under this package create a Local AccountBean Interface with following specifications:

AccountBean Interface:

```
package EJB;
import javax.ejb.Local;

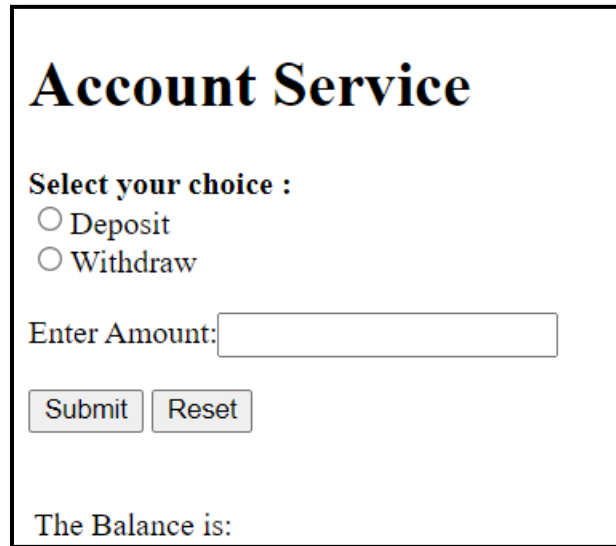
@Local
public interface AccountBean {

    public void deposit(double amount);
    public void withdraw(double amount);
    public double getBalance();

}
```

3. Implement all methods in a Stateful Session Bean named AccountBeanImpl.java where deposit() method will add the amount in account balance, withdraw() method will deduct the amount from the account balance and getBalance() will provide the Account balance to the User.

4. Create an index.jsp and AccountServlet which will process user's request.



Account Service

Select your choice :

☐ Deposit

☐ Withdraw

Enter Amount:

The Balance is:

If User select Deposit radio button and enter the amount that will be added to the available balance and updated amount should be displayed. You can keep the initial balance of 100 in the AccountBeanImpl.java and update it according to the options selected for deposit/withdraw.

5. AccountServlet.java will access the Local EJB AccountBean to perform the deposit/withdraw transaction and display the Account Balance.
6. Save the balance inside the servlet request Attribute and forward the request to the index.jsp page to Display the Balance amount.

Submission:

1. Be sure to save all changes.
2. Zip the ENTIRE project folder with your solution and upload to the Assignment 1 folder to the eConestoga Portal.

Note: You can submit multiple times if you want. Please mention in comments which submission to evaluate. Also note that if you resubmit after the due date, late penalties apply as per your Program Handbook.