BankController.apex

public class BankController {

public String customerName {get; set;}

public Integer amount {get; set;}

public String accountId {get; set;}

public BankAccount\_\_c selectedAccount {get; set;}

public List<BankAccount\_\_c> accounts {get; set;}

public Decimal currentBalance {get; set;}

public String message {get; set;}

public String messageType {get; set;} // 'success', 'error', 'info'

public BankController() {

accounts = [SELECT Id, Name, Balance\_\_c, Account\_Number\_\_c, Status\_\_c FROM BankAccount\_\_c];

currentBalance = 0;

}

public List<SelectOption> getAccountOptions() {

List<SelectOption> options = new List<SelectOption>();

options.add(new SelectOption('', '-- Select Account --'));

for (BankAccount\_\_c acc : [SELECT Id, Name FROM BankAccount\_\_c WHERE Status\_\_c = 'Active']) {

options.add(new SelectOption(acc.Id, acc.Name));

}

return options;

}

public PageReference createAccount() {

try {

BankAccount\_\_c newAcc = new BankAccount\_\_c(

Name = customerName,

Balance\_\_c = 0,

Status\_\_c = 'Active'

);

insert newAcc;

accounts = [SELECT Id, Name, Balance\_\_c, Account\_Number\_\_c, Status\_\_c FROM BankAccount\_\_c];

showMessage('Account created successfully!', 'success');

customerName = '';

} catch(Exception e) {

showMessage('Error creating account: ' + e.getMessage(), 'error');

}

return null;

}

public PageReference deposit() {

try {

if(String.isBlank(accountId)) {

showMessage('Please select an account', 'error');

return null;

}

selectedAccount = [SELECT Id, Name, Balance\_\_c FROM BankAccount\_\_c WHERE Id = :accountId];

selectedAccount.Balance\_\_c += amount;

update selectedAccount;

currentBalance = selectedAccount.Balance\_\_c;

showMessage('Deposit successful!', 'success');

} catch(Exception e) {

showMessage('Error processing deposit: ' + e.getMessage(), 'error');

}

return null;

}

public PageReference withdraw() {

try {

if(String.isBlank(accountId)) {

showMessage('Please select an account', 'error');

return null;

}

selectedAccount = [SELECT Id, Name, Balance\_\_c FROM BankAccount\_\_c WHERE Id = :accountId];

if (selectedAccount.Balance\_\_c >= amount) {

selectedAccount.Balance\_\_c -= amount;

update selectedAccount;

currentBalance = selectedAccount.Balance\_\_c;

showMessage('Withdrawal successful!', 'success');

} else {

showMessage('Insufficient balance', 'error');

}

} catch(Exception e) {

showMessage('Error processing withdrawal: ' + e.getMessage(), 'error');

}

return null;

}

public PageReference checkBalance() {

try {

if(String.isBlank(accountId)) {

showMessage('Please select an account', 'error');

return null;

}

selectedAccount = [SELECT Id, Name, Balance\_\_c FROM BankAccount\_\_c WHERE Id = :accountId];

currentBalance = selectedAccount.Balance\_\_c;

showMessage('Current balance: $' + currentBalance, 'info');

} catch(Exception e) {

showMessage('Error checking balance: ' + e.getMessage(), 'error');

}

return null;

}

private void showMessage(String msg, String type) {

message = msg;

messageType = type;

}

}

**BankController.vfp**

<apex:page controller="BankController" tabStyle="BankAccount\_\_c">

<style>

.container { width: 80%; margin: 0 auto; padding: 20px; }

.section { margin-bottom: 20px; border: 1px solid #ddd; padding: 15px; border-radius: 5px; }

.form-group { margin-bottom: 8px; }

label { display: block; font-weight: bold; }

input, select { width: 100%; padding: 8px; margin-top: 5px; }

.btn { padding: 8px 15px; margin-right: 10px; cursor: pointer; }

.message { padding: 10px; margin: 10px 0; border-radius: 4px; }

.error { background-color: #ffdddd; color: #d8000c; }

.success { background-color: #ddffdd; color: #4F8A10; }

</style>

<div class="container">

<h1>Bank Application</h1>

<!-- Create Account Section -->

<div class="section">

<h2>Create Account</h2>

<apex:form>

<div class="form-group">

<label>Customer Name:</label>

<apex:inputText value="{!customerName}"/>

</div>

<apex:commandButton value="Create Account" action="{!createAccount}" styleClass="btn" style="background-color:#4CAF50;color:black;"/>

</apex:form>

</div>

<!-- Transactions Section -->

<div class="section">

<h2>Transactions</h2>

<apex:form>

<div class="form-group">

<label>Select Account:</label>

<apex:selectList value="{!accountId}" size="1">

<apex:selectOptions value="{!accountOptions}"/>

</apex:selectList>

</div>

<div class="form-group">

<label>Amount:</label>

<apex:inputText value="{!amount}"/>

</div>

<div class="form-group">

<apex:commandButton value="Deposit" action="{!deposit}" styleClass="btn" style="background-color:#2196F3;color:black;"/>

<apex:commandButton value="Withdraw" action="{!withdraw}" styleClass="btn" style="background-color:#f44336;color:black;"/>

<apex:commandButton value="Check Balance" action="{!checkBalance}" styleClass="btn"/>

</div>

<apex:outputPanel rendered="{!NOT(ISBLANK(message))}">

<div class="message {!IF(messageType=='error','error','success')}">

{!message}

</div>

</apex:outputPanel>

<apex:outputPanel rendered="{!currentBalance != null}">

<h3>Current Balance: ${!currentBalance}</h3>

</apex:outputPanel>

</apex:form>

</div>

</div>

</apex:page>