***GitHub - Banking App Interface Portfolio***

The Banking App Interface functionality

1. Checking Balance
2. Transferring Funds
3. Depositing Money
4. Withdrawing Money
5. Account Limits
6. Confirmation Prompts
7. **Login**
8. Select the mobile banking form option.
9. Enter Login name and password.
10. **If** the Login name and password is incorrect, then go to step 2.
11. **Else**

Block the account.

1. **Checking Balance:**
2. If user selects *Check Balance* Option, then display balance of the account.
3. **Transferring Funds**
4. **If** the user selects the *Transfer of Amount* option and user enters login name and password.
5. The user is displayed with ***account number*** of the recipient and the ***amount****.*

The user enters the details.

**If** the amount to be transferred is *more than* the amount in the account, Then Transaction is denied.

**Else** the transaction is done.

**End If**

1. **Depositing Money**
2. If the user selects the *Depositing Money* option and user enters login name and password.
3. The user is displayed with ***account number*** of the recipient and the amount.
4. The user enters the details- the amount of money to be deposited.

**If** the amount to be deposited is invalid, Then Transaction is denied.

**Else** the transaction is done.

1. **Withdrawing Money- Making Phone based Payments:**
2. If the user selects the *Withdrawing Money* option and user enters login name and password.
3. The user is displayed with account number of the recipient and the amount.

**If** the amount to be withdrawn is more than the amount in the account, Then Transaction is denied.

**Else** the transaction is done.

**SQLite as a choice of backend DBMS.**

**# SQL TABLE DETAILS**

***Account***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Accno** | **Balance** | **Transactions** | **Limit** | **Type\_Account** | **Account\_Status** |
|  |  |  |  |  |  |

**User Login Details**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Accno** | **Username** | **Password** | **Login Status** | **Customer FName** | **Customer Lname** | **Customer email address** | **Address** |
|  |  |  |  |  |  |  |  |

**Account Transactions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accno** | **Balance** | **Transactions** | **Limit** | **Type\_Account** | **Transaction\_Time** | **Account\_Status** |
|  |  |  |  |  |  |  |

**Create Table User\_Login\_Details {**

**String Accno**

**String Username**

**String Password**

**String Login\_Status**

**String CustomerFname**

**String CustomerLname**

**String Address**

**}**

**Create Table Account{**

**String Accno**

**Float Balance**

**String Transactions**

**Float Limit**

**String Type\_Account**

**String Account\_Status**

**}**

**CREATE TABLE account\_transaction(**

**Integer accno**

**Float balance**

**Float blimit**

**String t\_account**

**String b\_transaction**

**String account\_status**

**DateTime Transaction\_time**

**);**