Initial Team Meeting

Members and roles:

* Nathan – Project Manager/ Developer
* Brad – Developer
* Tom – Tester

Chosen project language:

Java

User stories:

User Story 1 -

Chris is the finance manager of a start-up company who wishes to have a banking application to keep accounts organised.

He has multiple areas of the business that needs to have its own account, ranging from the current account, loan account, savings account, etc…

An investor has given a sum of money to the company which needs to be deposited to the savings account. This money will then need to be separated and divided between the accounts in order to aid in each of the account’s purposes.

Task 1: Creating other accounts

Having multiple accounts under your bank is standard, whether its only a checking and savings account.

As per standard with banks an initial deposit has to be made to this account, this needs the ability to take £0.01 up to whatever number is suitable for the user and can have infinite amount of these accounts if wanted.

Task 2: Transferring between accounts

There’s no real point in having multiple accounts if you can’t organise them by transferring funds between them.

So have the potential to transfer any money as long as the account sending the funds has enough in the account to do this.

User Story 2 -

Susan is a mother of two who needs a banking application to keep track of all her finances.

Every week one of her children attends scouts which takes cash payment weekly for attendance, so she needs to withdraw money every week to be able to do this. She has a side business that sells crafts which are mostly paid in cash so weekly she will deposit this money into her accounts.

Task 2: Withdrawing and depositing funds

Being able to take money out of the account and put funds in is vital to any bank.

The bank account will need to reflect this by either adding the funds to an account or removing them.

Task 1: Tracking account details

Keeping track of your finances requires the function to be able to check accounts balance.

Store account details including their balances then have the option to select which account to check

Test Cases:

Test 1: Trying to view an account

Input:

1. An account name.

Tests:

1. Test for input where the name hasn’t been created in the system yet.
2. Test for an account that has been previously created.

Output:

Displays the account details (name and balance) or an error message stating the account doesn’t exist.

Test 2: Withdrawing funds

Input:

1. An account name to take the funds from.
2. The amount to be withdrawn.

Tests:

1. Take money out of an account that hasn’t been created before.
2. Take more money out of said account than funds available.
3. Take money out of an existing account that has more or the same amount that’s available in the account.

Output:

If successful, a message that displays that the withdrawal was successful and the updated balance within that account.

If unsuccessful, display an error message when inputting the name of the account if it doesn’t exist. Or display an error message claiming that there are insufficient funds if you attempt to take more money out the account than it has.

Test 3: Depositing funds

Input:

1. An account name to put the funds into.
2. The amount to be deposited.

Tests:

1. Depositing money into an account that hasn’t been created before.
2. Deposit money into an existing account.

Output:

If successful, a message that displays that the deposit was successful and the updated balance within that account.

If unsuccessful, display an error message when inputting the name of the account if it doesn’t exist.

Test 4: Transferring funds

Input:

1. An account name to transfer the funds from.
2. An account that the funds are being transferred to.
3. The amount to be transferred.

Tests:

1. Transfer money out from an account that hasn’t been created before.
2. Transfer money to an account that hasn’t been created before.
3. Transfer more money than what’s available in the sender’s account.
4. Transfer money from a premade account with more or the same amount of funds attempting to transfer to an account that exists already

Output:

If successful, a message that displays that the transfer was successful and the updated balance within both accounts.

If unsuccessful, display an error message when inputting the name of the sender or receivers account that it doesn’t exist. Or display an error message claiming that there are insufficient funds if you attempt to take more money out the sender’s account than it has.