Test plan

**Organization**

First, create a root directory named “testCase”, which contains all the functionality test in sub directory such as “login”, ”logout”, ”createAccount”, ”deleteAccount”, ”deposit”, ”withdraw”, and “transfer”. And in each functionality folder, there are two sub folders. One is “input” folder, all the input files are clearly numbered and written in txt file. The other is “output” folder, the desired output is labeled and written in txt file.

**Run**

Writing a bash script such as:

*setlocal enableextensions enabledelayedexpansion*

*set /a count = 0*

*for %%i in (D:\fun1\\*.txt) do (*

*set /a count += 1*

*(test.py < %%i) > f!count!.txt*

*)*

*Endlocal*

The script loops through all the simulative user-input files, our input files will be taken by the program. The output file return by the program will be labeled and will be corresponding to our desired output files. So, it will be easy to make comparison. Besides, the output to the console will be redirect to txt files for later inspection (if needed!)

Which loops through all the test cases in specified directory and takes each line as input send to the python program. The output of the program in different test will be sent to txt file separately. For later comparison, we can use these files to compare with our intend result. Besides, for those successful operation we need to check the transaction summary file is also meet our intent one.