XBanking

Help you keep track your financial and banking information in one place. This platform also helps to organize your bank account(s) information.

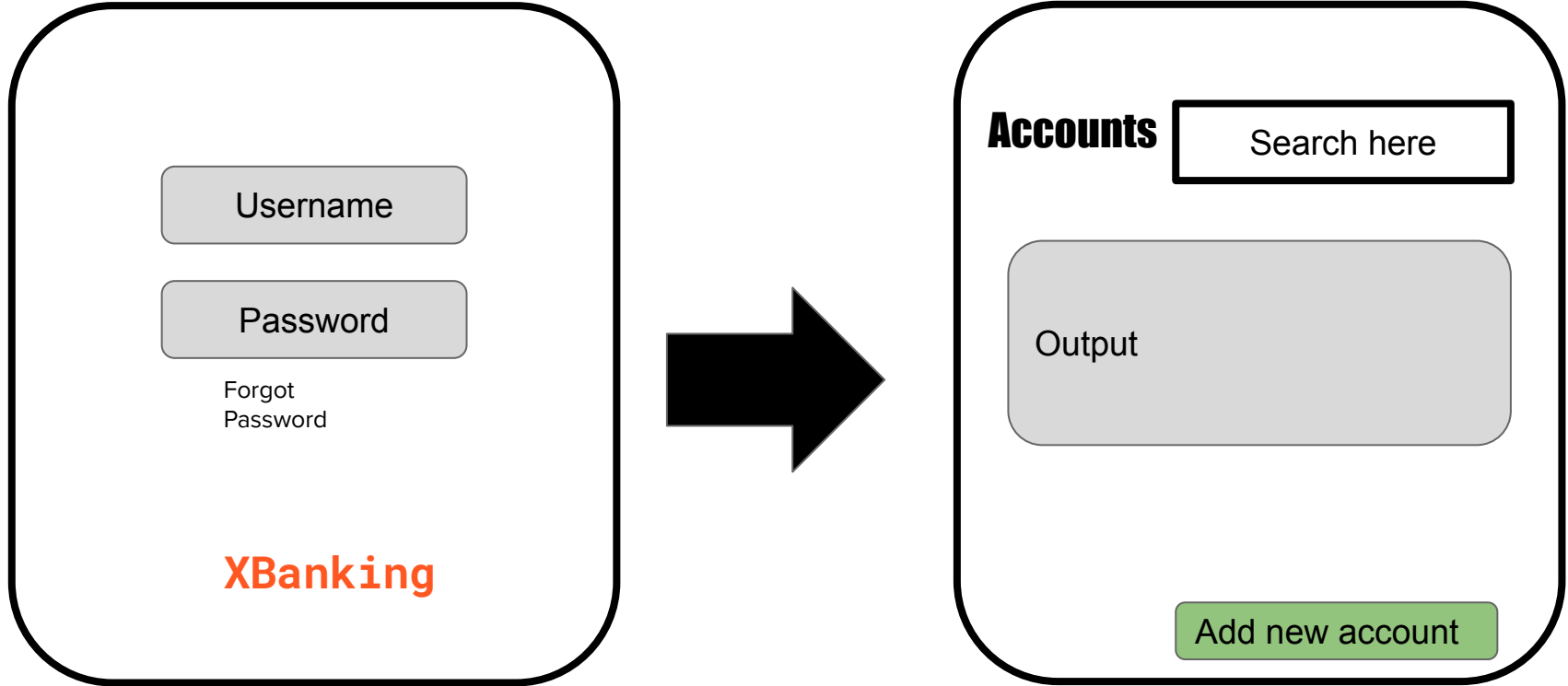Harrison Bell, Roshan Pai, Cameron Boyd, Riza Hassan

STAKEHOLDERS
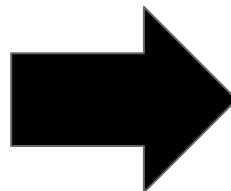

Banks or Financial Institutions

Personal

User Interface

Name

Type of account(s)

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Account No

BACK | Change Balance

Account Type

Balance amount

BACK | DONE

ACCOUNT DATA

Clients class

String Name

Int AccountNumber (s)

double BalanceAmount (s)

Date dateOfCreation

HashTable<name, Clients>

- Add
- Remove
- Get

EXAMPLE OF INPUT DATA FILE

Contains Clients Information

Elly Johnson	Riza Hassan,5128947128,0000000000,23550.50,0000.00,02/03/2019
Shikadai Nara	Shikadai Nara, 7583948582,375483028483,41456.31,53214.10,05/31/2017

Readme

xTeam-Project

Banking System

Title: "XBanking"

Members: Harrison, Riza, Cameron, Roshan Problem: Banking can be hard. How do you let people access their accounts? What if they have multiple accounts? It can be hard to keep track. Primary Stakeholder: Any bank who needs to manage a lot of accounts Data structure: HashTable of Clients. Each Client may have multiple accounts. Hash function will be full name no spaces absolute value hashcode modulo 7(will need to be changed). Use quadratic probing to deal with collision. Possible formatting of file to save and load data:

Client1Key

Account1

Account2   .

Client2Key

Account1

Account2   .   .

This file will list each client followed by each of their accounts. Basically this will add a new Class Client to the HashTable. The Client object will contain: First name, Last name, Account number(s) probably just saving and checking, Balance(s) again saving and checking, and Date of creation. The Output will just display all this info to the screen, the Input will be pre-created client objects. Originally this didn't handle creation of the client objects, I added an option but I think that it will be easier if we assume all the clients are already there.