Planning and Notes Doc

Test Cases

* Check each transaction for each account type.
  + 3 transactions x 4 account types (5 if you include base Account type)
* Creating bank, user and each account type

Transfer – Two Implementation Methods

* **Bank level – Chosen implementation**
  + Transfer on the bank level would mean the function takes two account\_id’s and does a withdrawal then deposit on those accounts.
  + Would require both accounts to be held with the same bank
    - No cross bank transfers
  + Workflow would be…
    - Account requests bank transfers money
    - Bank verifies 1) account balance > transfer amount and 2) account to transfer to is valid
    - Bank performs transfer
  + External bank transfers would require more elaborate confirmation from both parties
    - Test deposits of several cents to be recorded and proved for example
    - **This functionality that is out of scope for this practical test.**
* Account level
  + Account initiating transfer would automatically be the ‘from’ account
  + Would need a search function for accounts based on account\_id to find the account the money is going to be deposited in
    - Would need to query every bank
    - Would need a big list of all accounts held somewhere
    - Should transfers be allowed between different banks?

Diagram

Description automatically generated