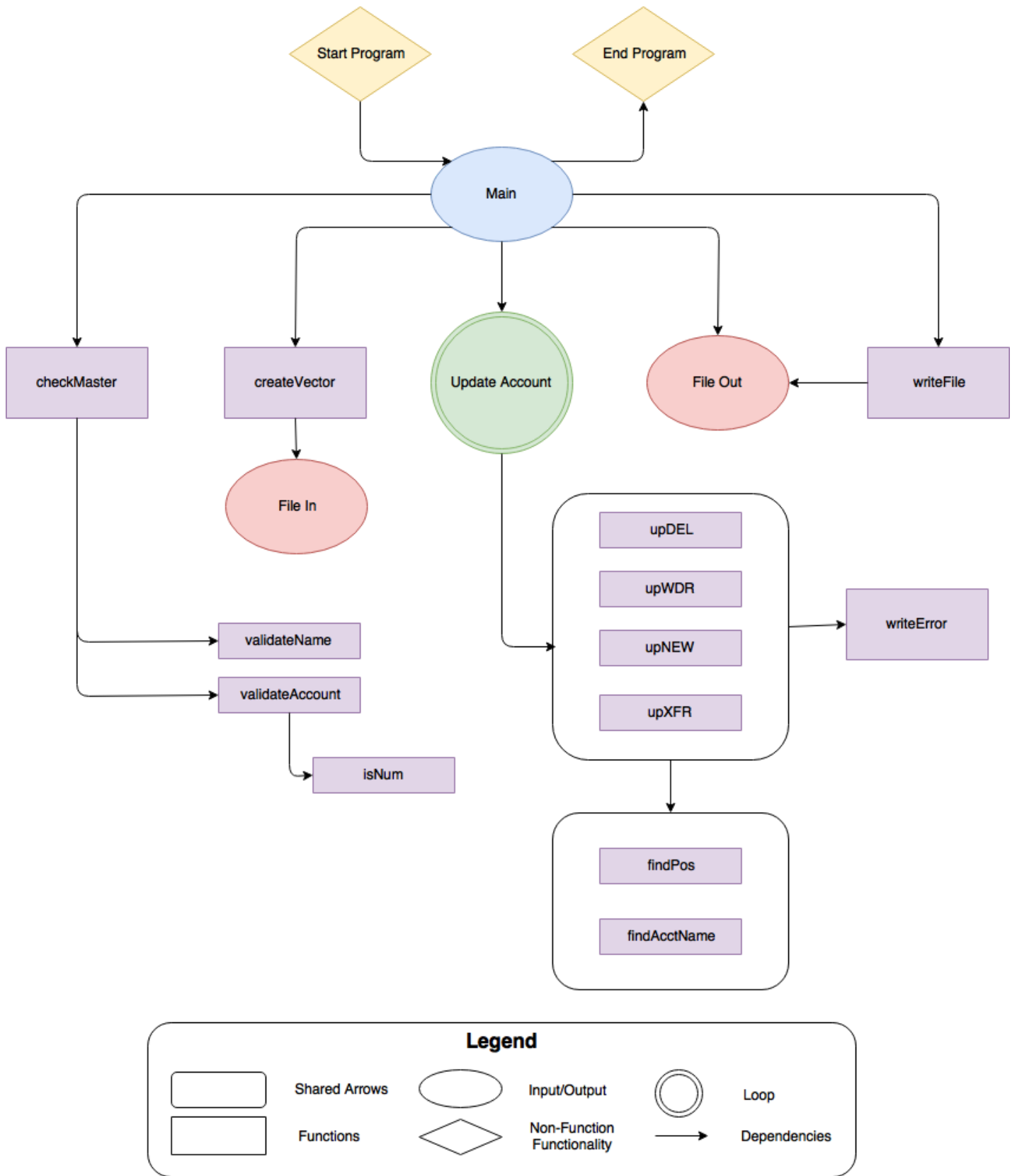


Assignment 4 - ZoopDeeBoop Co.

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Start/End Program: Denotes the state of starting and ending the program from the command line

Main: This is the main class that holds everything

File In: Inputs the merge transaction files and the master accounts file

File Out: Outputs the new master account file and a valid account file. Uses writeFile

createVector: Function that creates a vector from a file. Uses File In

writeFile: Function that takes a vector and writes a file

checkMaster: Function that checks the master accounts file using validateName and validateAccount

validateName/Account: Functions that checks that the name and account is valid within the master account. validateAccount also uses isNum.

isNum: Function that checks if the account is actually a number

updateAccount: Updates the account within the master accounts file with the transaction being made. Main loops through the transactions and calls updateAccount. Calls the appropriate upXXX function found below and uses findPos/AcctName and insertInOrder, to update the account

upDEL: Function that updates the account when a delete account transaction occurs

upWDR_XFR: Function that updates the account when a withdraw or transfer account transaction occurs

upNEW: Function that updates the account when a new account transaction occurs

upDEP: Function that updates the account when a deposit transaction occurs

findPos: Function that finds the position of the account within the master accounts file that needs to be updated

findAcctName: Function that finds the name of the account within the master accounts file that needs to be updated

insertInOrder: Function will put the updated account back into the right position in the master accounts file