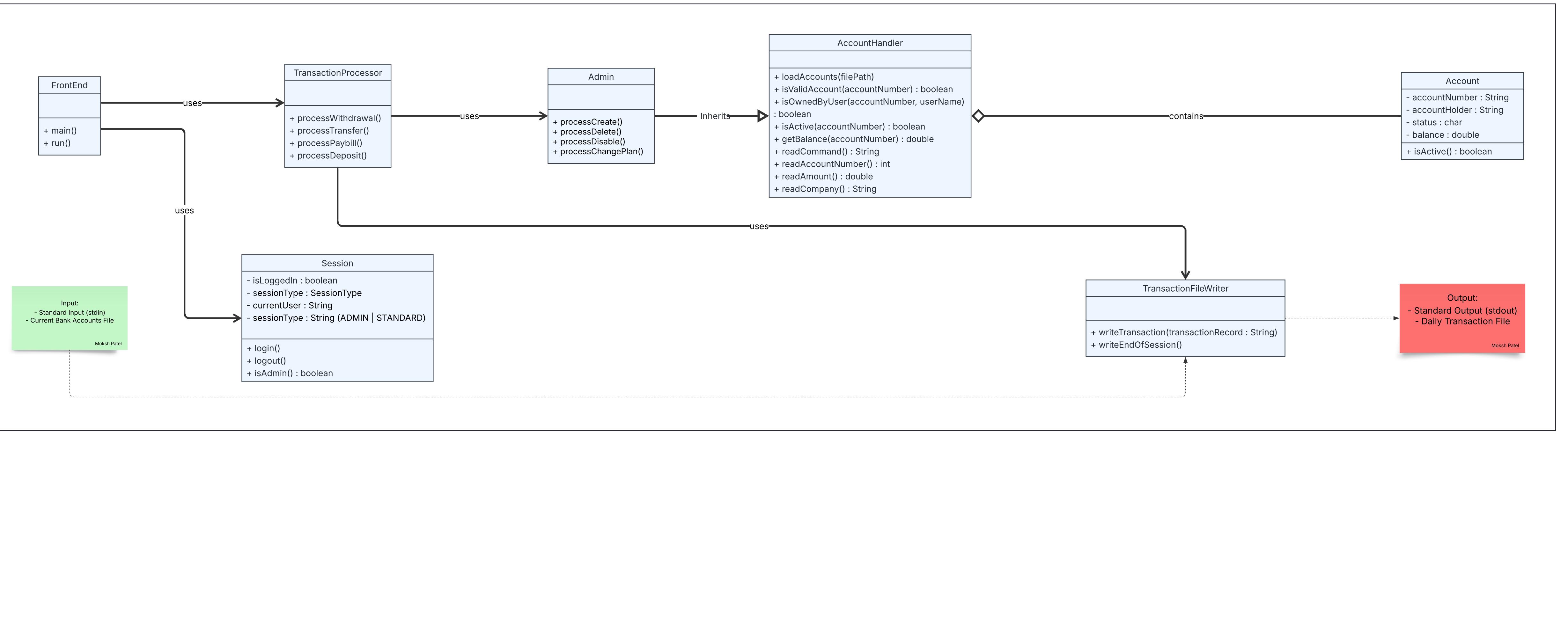


UML Bankify — High-level Architecture



Class	Description
FrontEnd	Coordinates overall program execution, prompting/printing to the console, and delegating commands to the appropriate components.
Session	Tracks whether a user is logged in, which session type is active (STANDARD/ADMIN), and who the current user is.
TransactionProcessor	Applies front-end business rules for each transaction type and generates the corresponding transaction records to be written to the transaction file.
AccountHandler	Loads the Current Bank Accounts file into memory and provides lookup/validation utilities (exists, ownership, status, balance) for transactions.
TransactionFileWriter	Writes formatted transaction records to the Daily Transaction File and appends the end-of-session record on logout.
Account	Represents a single bank account record (number, holder name, status, balance) and provides helper checks like whether the account is active.
Admin	Power to create, disable, delete, and change plan of accounts

UML Bankify Table Methods & Small Descriptions					
Class Method Description	FrontEnd main() Launches application.	FrontEnd run() Executes main loop.	Session login() Authenticates user.	Session logout() Ends session.	Session isAdmin() Checks admin status.
AccountHandler readCommand() Gets user input.	AccountHandler readAccountNumber() Validates account number.	AccountHandler readAmount() Parses transaction amount.	AccountHandler readCompany() Identifies company name.	TransactionProcessor processWithdrawal() Handles fund withdrawal.	TransactionProcessor processTransfer() Manages account transfer.
TransactionProcessor processPaybill() Processes bill payment.	TransactionProcessor processDeposit() Records deposit.	Admin processCreate() Initiates account creation.	Admin processDelete() Deletes account.	Admin processDisable() Disables account.	Admin processChangePlan() Modifies account plan.
AccountHandler loadAccounts(filePath) Loads account data.	AccountHandler isValidAccount(accountNumber) Checks account validity.	AccountHandler isOwnedByUser(accountNumber, userName) Verifies ownership.	AccountHandler isActive(accountNumber) Confirms account status.	AccountHandler getBalance(accountNumber) Retrieves balance.	TransactionFileWriter writeTransaction(transactionRecord) Logs transaction.
TransactionFileWriter writeEndOfSession() Marks session end.	Account isActive() Checks if active.				