

Accounts

Savings Accounts

Account Exists

```
function CHECK_ACCOUNT_EXISTS_S_A
    input :- account_id
    output :- array['status'] / false
```

This function is used to determine if an account exists or not, if it does exist, then an array is returned with array['status'] gives the value of status of the account_id, whether it is open or close, if the account does not exist false is returned.

Add Account

```
function S_A_add_account
    input :- account_start_date, account_start_time,
            initial_amount_deposited
    output :- account_id, false
```

This function is used to create a new account, if the account is successfully created, the function returns account_id, if not created due to some reasons it will give Boolean value "false" in PHP.

Close Account

```
function S_A_close_account
    input :- account_id, account_close_date,
            account_close_time
    output :- account_id, true / false
```

This function is used to close the account, if the account is successfully closed its entry is made in the S_A_CI_D table and any information regarding this account is deleted from database. Boolean "true" is returned if task is successful, else "false" is returned.

Withdrawal

```
function S_A_withdrawal
    input :- account_id, amount_withdrawn, $withdrawal_time,
            withdrawal_date, withdrawal_method,
```

transfer_to_account_id
output :- true / false

This function is called to update the user account information, when he/she makes a withdrawal transaction, if the update is successful, Boolean “true” is returned else Boolean “false” is returned.

Deposit

function S_A_deposit
input :- account_id, amount_deposited,
deposit_time, deposit_date, deposit_method

**This function is called to update the user account information when he/she makes a deposit transaction, if the update is successful, Boolean “true” is returned else Boolean “false” is returned
is returned**