Accounts

Add And Delete API

Fixed Deposit

Generate

function F_D_generate_account_id
        input :- void
        output :- new_account_id

Add

function F_D_I_A_D_add
        input:- account_id,
                account_start_date,
                account_start_time,
                account_end_date
                initial_amount_deposited
        output:- successful / unsuccessful

function F_D_C_A_D_add
        input:- account_id,
                current_amount
        output:- successful / unsuccessful

function F_D_I_D_add
        input:- account_id,
                interest_computation_interval,
                interest_rate,
                interest_accumulated
        output:- successful / unsuccessful

function F_D_L_D_add
        input:- account_id,
                initial_loan_amount,
                current_loan_amount,
                loan_start_date,
                loan_end_date,
                interest_rate_on_loan
        output:- successful / unsuccessful

function F_D_T_D_add
        input:- account_id,
                e_f_t_A_INT, //eligible for tax | annual interest
                e_f_t_A_INC, //eligible for tax | annual income
                tax_amount_current_year
        output:- successful / unsuccessful

function F_D_W_D_add
        input:- account_id,
                premature_withdrawal,
                premature_withdrawal_time,
                penalty_on_premature_withdrawal,
                onTime_withdrawal_time,
                onTime_withdrawal_date,
                amount_withdrawn,
                withdrawal_medium,
                transfer_to_account_id
        output:- successful / unsuccessful

function F_D_CI_D_add
        input:- account_id,
                remaining_balance,
                account_close_time,
                account_close_date
        output:- successful / unsuccessful

function F_D_A_I_D_add
        input :- account_id,
                status
        output :- successful / unsuccessful

Delete

function F_D_I_A_D_delete
           input:- account_id
           output:- successful / unsuccessful

function F_D_C_A_D_delete
        input:- account_id
        output:- successful / unsuccessful

function F_D_I_D_delete

input:- account_id,
output:- successful / unsuccessful

function F_D_L_D_delete
input:- account_id
output:- successful / unsuccessful

function F_D_T_D_delete
input:- account_id
output:- successful / unsuccessful

function F_D_W_D_delete
input:- account_id
output:- successful / unsuccessful

function F_D_Cl_D_delete
input:- account_id
output:- successful / unsuccessful

Current Account

Generate

function C_A_generate_account_id
input :- void
output :- new_account_id

function C_A_generate_withdrawal_id
input :- account_id
output :- new_withdrawal_id

function C_A_generate_deposit_id
input :- account_id
output :- new_deposit_id

Add

function C_A_I_A_D_add
input:- account_id,
        initial_amount_deposited,
        account_start_date,
        account_start_time
output:- successful / unsuccessful

function C_A_C_A_D_add
        input:- account_id,
               current_amount
        output:- successful / unsuccessful

function C_A_W_D_add
        input:- account_id,
               withdrawal_id,
               amount_withdrawn,
               withdrawal_time,
               withdrawal_date,
               withdrawal_method,
               transfer_to_account_id
        output:- successful / unsuccessful

function C_A_N_T_D_add
        input:- account_id,
               number_of_withdrawals,
               number_of_deposits
        output:- successful / unsuccessful

function C_A_D_D_add
        input:- account_id,
               deposit_id,
               deposit_method,
               amount_deposited,
               deposit_time,
               deposit_date
        output:- successful / unsuccessful

function C_A_C_D_add
        input:- account_id,
               remaining_balance,
               account_close_time,
               account_close_date
        output:- successful / unsuccessful

function C_A_A_I_D_add
        input :- account_id, status
        output :- successful / unsuccessful

Delete

function C_A_I_A_D_delete

input:- account_id
        output:- successful / unsuccessful

function C_A_C_A_D_delete
        input:- account_id
        output:- successful / unsuccessful

function C_A_W_D_delete_single
        input :- account_id, withdrawal_id
        output :- successful / unsuccessful

function C_A_W_D_delete_all
        input :- account_id
        output :- successful / unsuccessful

function C_A_N_T_D_delete
        input:- account_id
        output:- successful / unsuccessful

function C_A_D_D_delete_single
        input :- account_id, deposit_id
        output :- successful / unsuccessful

function C_A_D_D_delete_all
        input :- account_id
        output :- successful / unsuccessful

function C_A_C_D_delete
        input:- account_id
        output:- successful / unsuccessful

Savings Account

Generate

function S_A_generate_account_id
        input :- void
        output :- new_account_id

function S_A_generate_withdrawal_id
        input :- account_id
        output :- new_withdrawal_id

function S_A_generate_deposit_id
        input :- account_id
        output :- new_deposit_id

Add

function S_A_I_A_D_add
      input :- account_id, account_start_time, account_start_date,
           initial_amount_deposited
      output :- successful / unsuccessful

function S_A_N_T_D_add
      input :- account_id, number_withdrawals, number_deposits
      output :- successful / unsuccessful

function S_A_W_D_add
      input :- account_id, withdrawal_id, withdrawal_time,
           withdrawal_date, amount_withdrawn, withdrawal_method,
           transfer_to_account_id
      output :- successful / unsuccessful

function S_A_D_W_T_D_add
      input :- account_id, total_withdrawal_today, number_withdrawal_today
      output :- successful / unsuccessful

function S_A_D_D_add
      input :- account_id, deposit_id, deposit_method, amount_deposit,
           deposit_time, deposit_date
      output :- successful / unsuccessful

function S_A_C_A_D_add
      input :- account_id, current_amount
      output :- successful / unsuccessful

function S_A_Co_D_add
      input :- rate_of_interest_per_day, minimum_balance,
           maximum_amount_withdrawn_per_day,
           maximum_number_withdrawals_per_day
      output :- successful / unsuccessful

function S_A_Cl_D_add
      input :- account_id, remaining_balance, account_close_time,
           account_close_date
      output :- successful / unsuccessful

function S_A_A_I_D_add
      input :- account_id, status
      output :- successful / unsuccessful

Delete

function S_A_I_A_D_delete
       input :- account_id
       output :- successful / unsuccessful

function S_A_N_T_D_delete
       input :- account_id
       output :- successful / unsuccessful

function S_A_W_D_delete_single
       input :- account_id, withdrawal_id
       output :- successful / unsuccessful

function S_A_W_D_delete_all
       input :- account_id
       output :- successful / unsuccessful

function S_A_D_W_T_D_delete
       input :- account_id
       output :- successful / unsuccessful

function S_A_D_D_delete_single
       input :- account_id, deposit_id
       output :- successful / unsuccessful

function S_A_D_D_delete_all
       input :- account_id
       output :- successful / unsuccessful

function S_A_C_A_D_delete
       input :- account_id
       output :- successful / unsuccessful

function S_A_Cl_D_delete
       input :- account_id
       output :- successful / unsuccessful