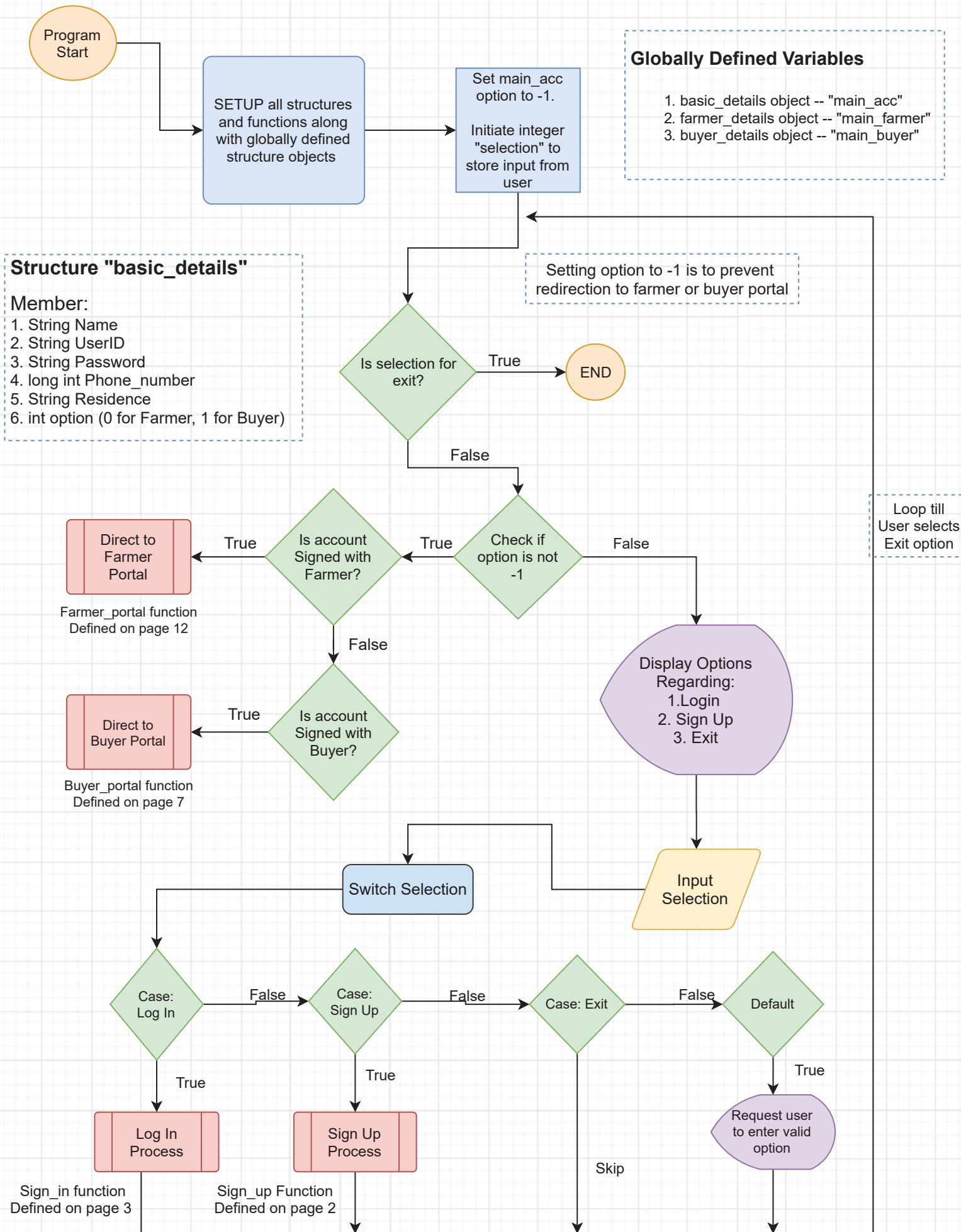


PROJECT NAME: FarmHouse

Group Member: Dhruv B. & Pranshu Shukla



SIGN UP FUNCTION

Used to Add a new account to the database

Variables used:

1. Structure basic_details object - acc
2. int selection (for farmer/buyer)
3. char input1 (for USERID check)

All details are stored inside "acc"
and are then put into
"main_acc" and file "acc.dat"

check_user_ID takes input userID as
input and returns 1 and 0 depending
of weather it can be used or not resp.

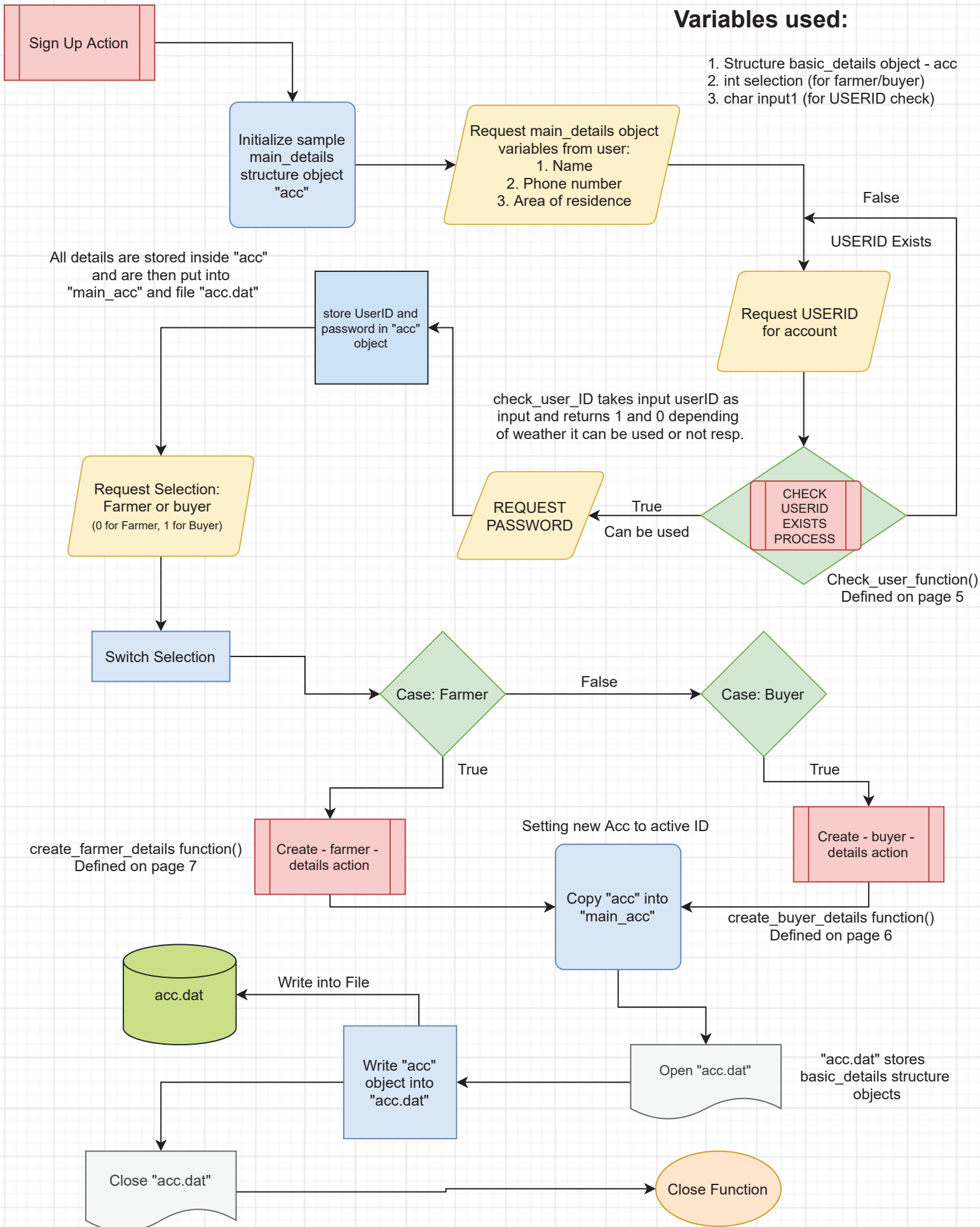
Check_user_function()
Defined on page 5

create_farmer_details function()
Defined on page 7

Setting new Acc to active ID

create_buyer_details function()
Defined on page 6

"acc.dat" stores
basic_details structure
objects



Sign In function

Used to Log-In into a new acc

struct farmer_details

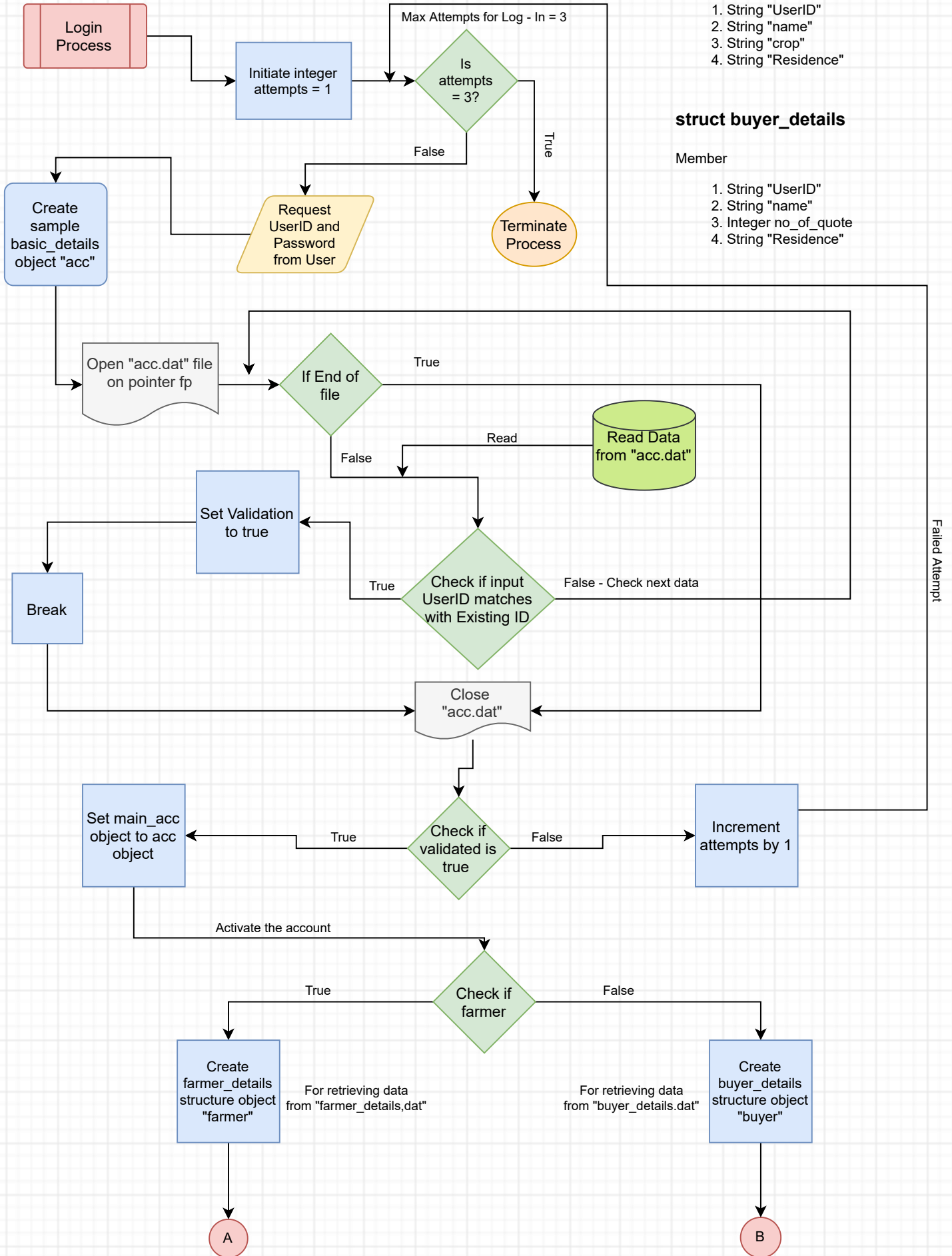
Member

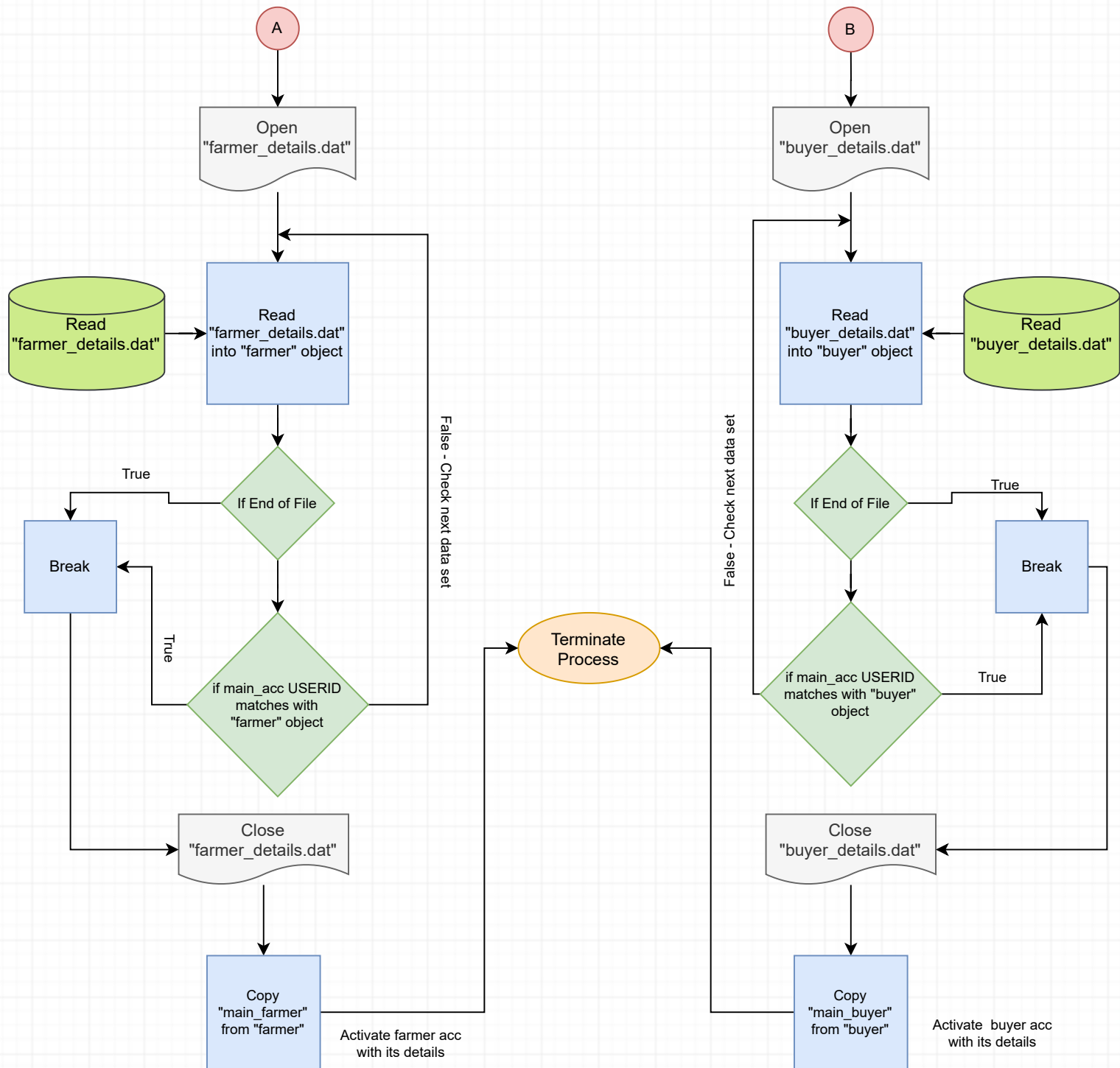
1. String "UserID"
2. String "name"
3. String "crop"
4. String "Residence"

struct buyer_details

Member

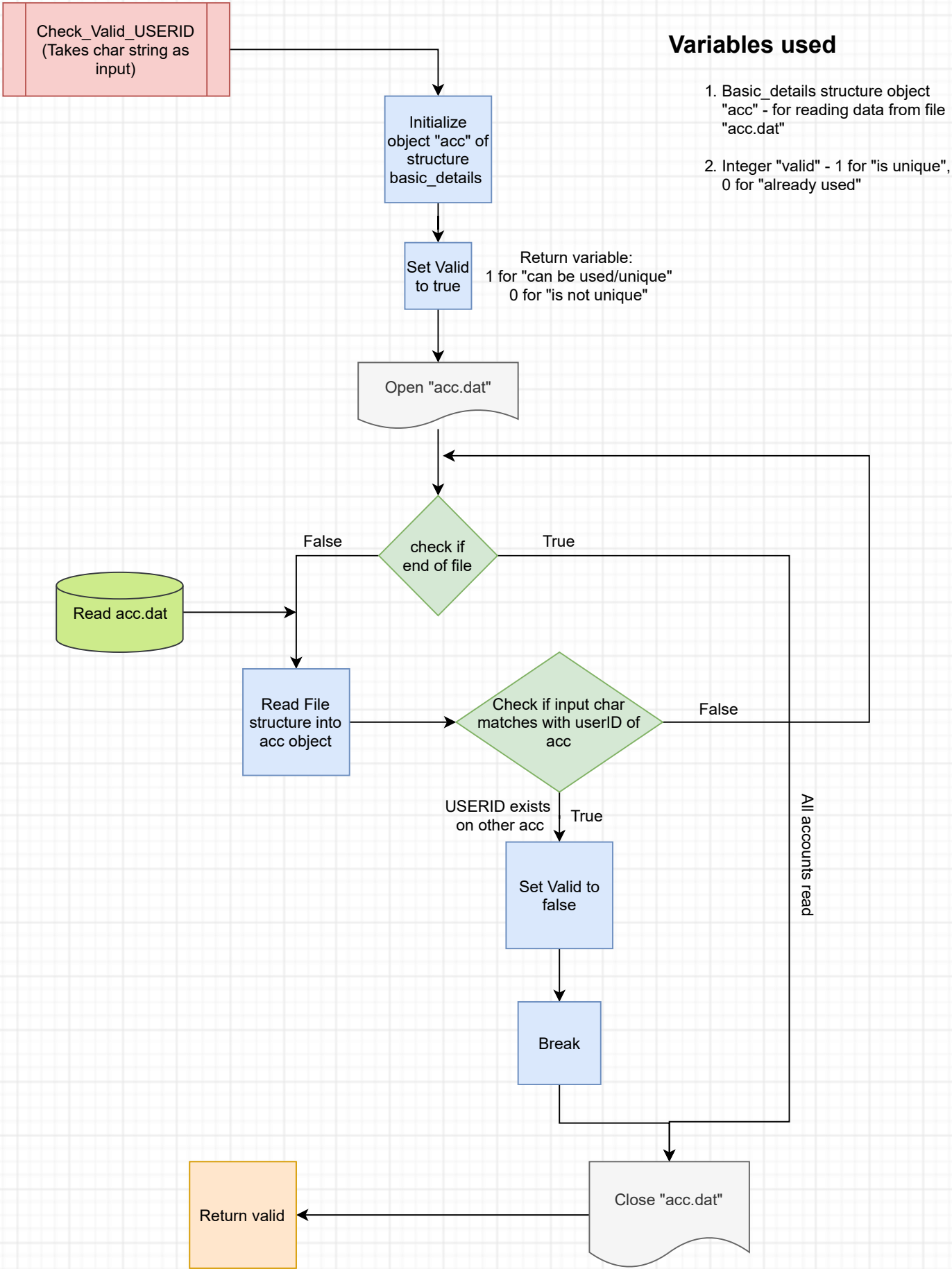
1. String "UserID"
2. String "name"
3. Integer no_of_quote
4. String "Residence"





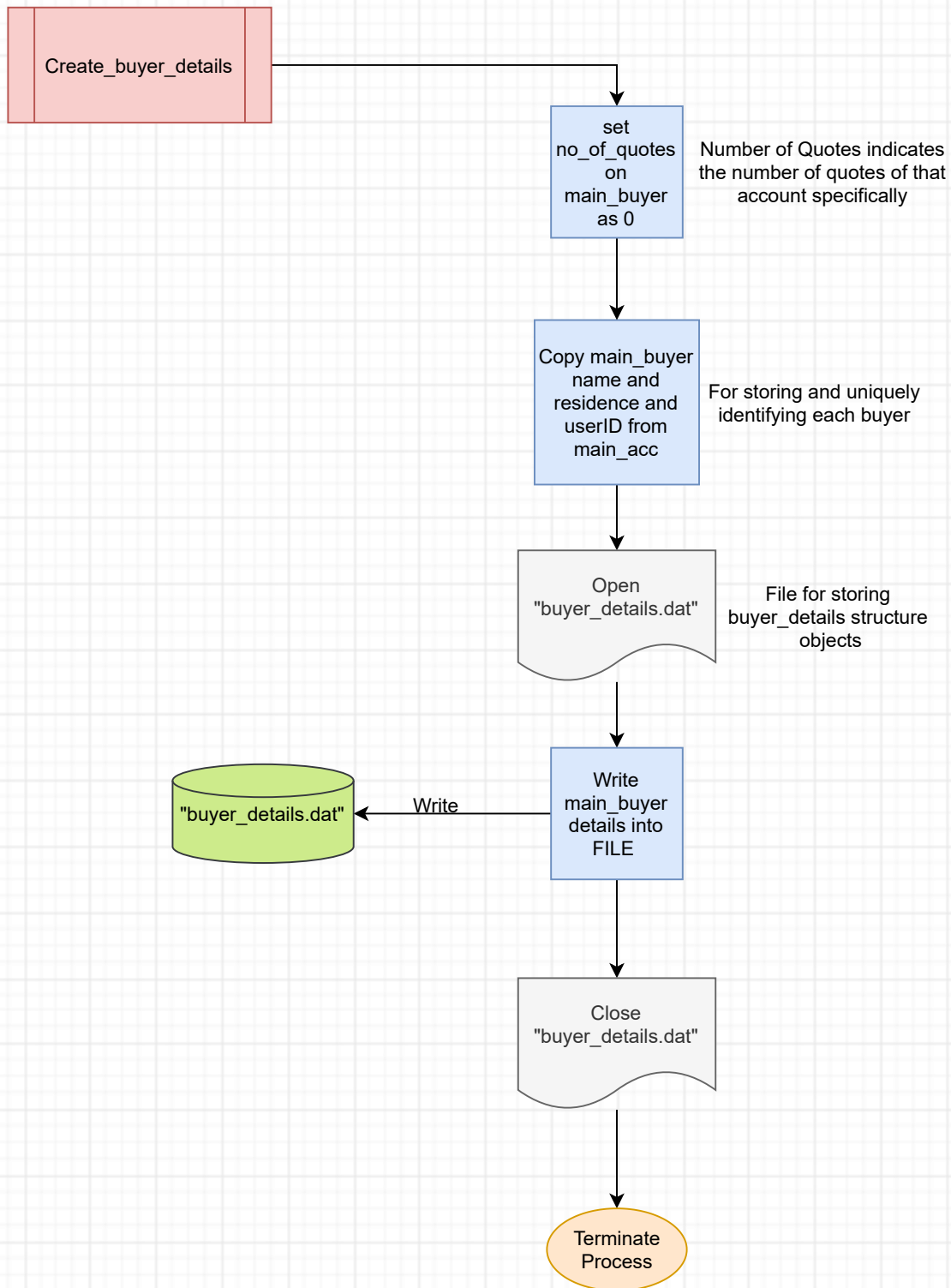
check_valid_userID

Used to check if the string the function is called is unique compared to other IDs



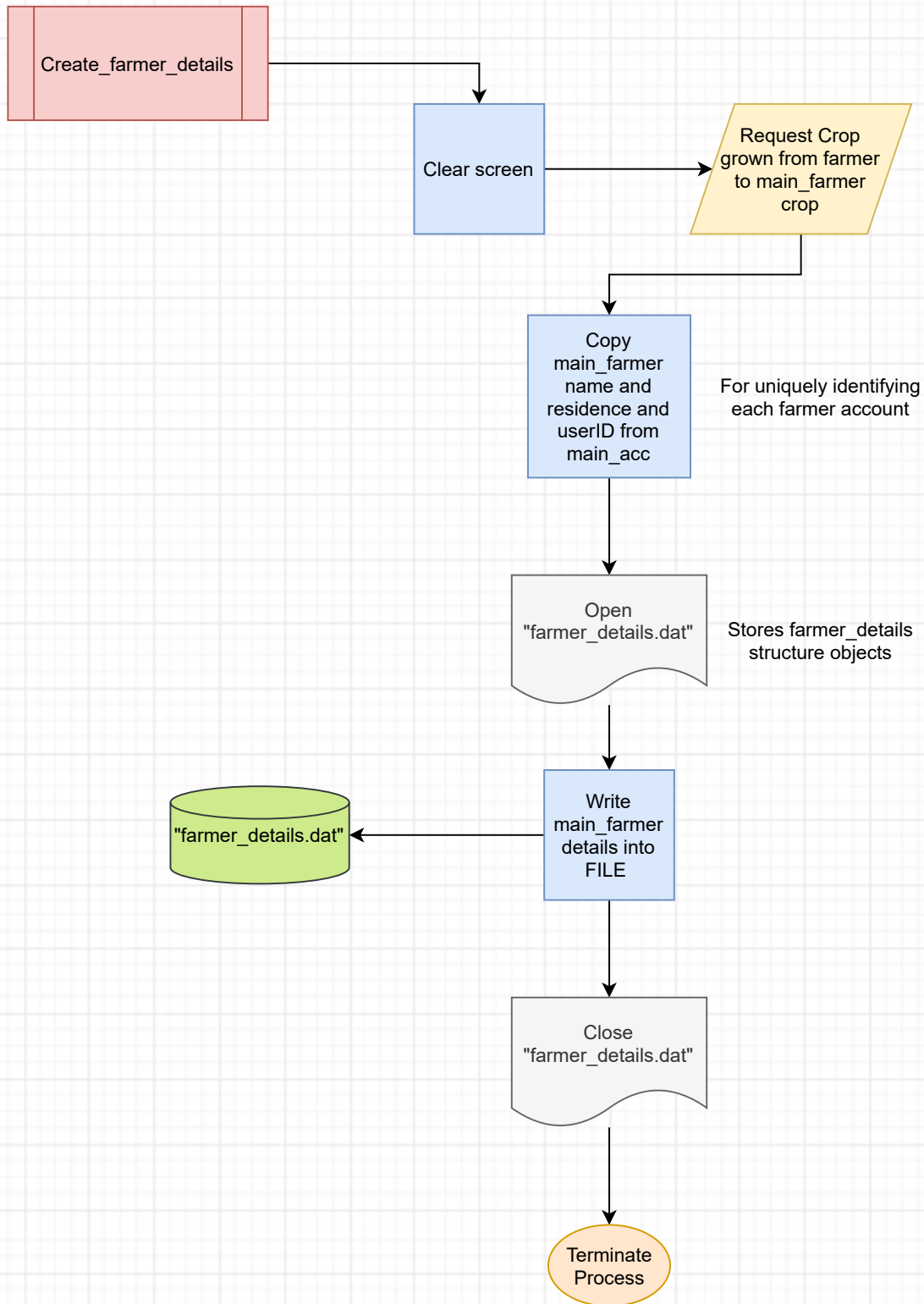
create_buyer_details

Creates new buyer account and makes it active.



Create_farmer_details

Creates farmer details entry in file and sets to active account

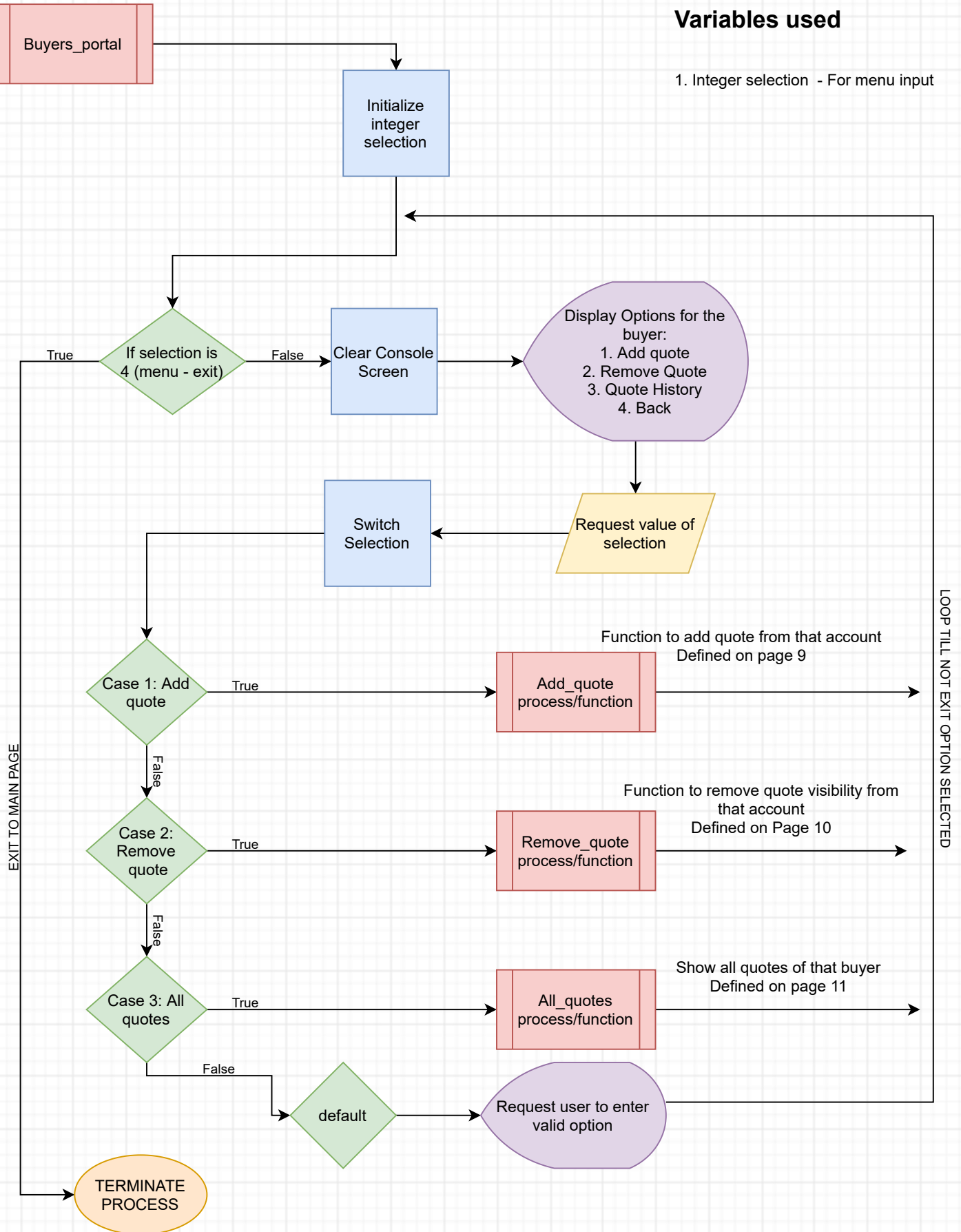


Buyer Portal

Displays Options for user if Buyer

Variables used

1. Integer selection - For menu input



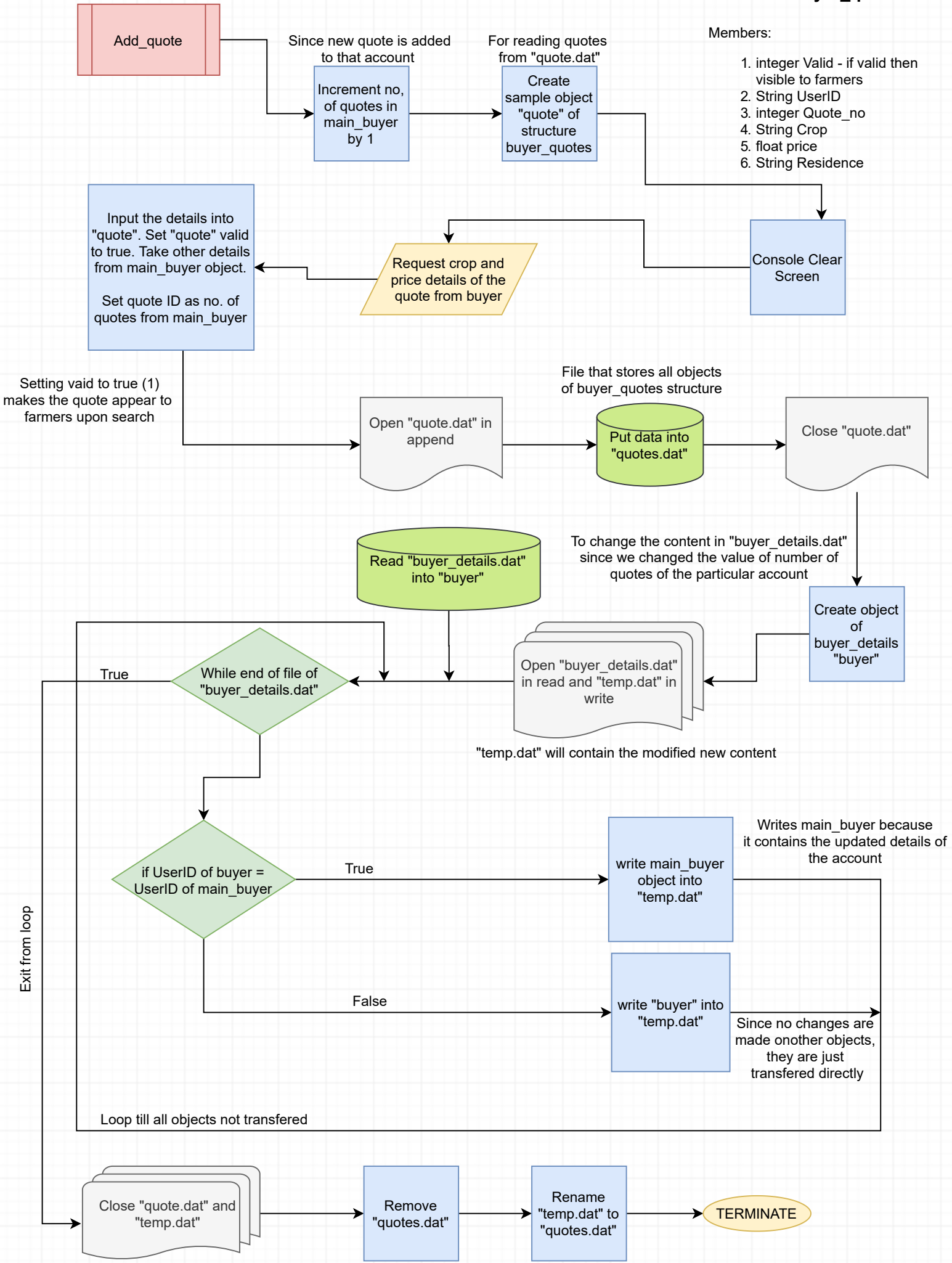
Add_quote()

Add Quote entry to database

Structure buyer_quotes

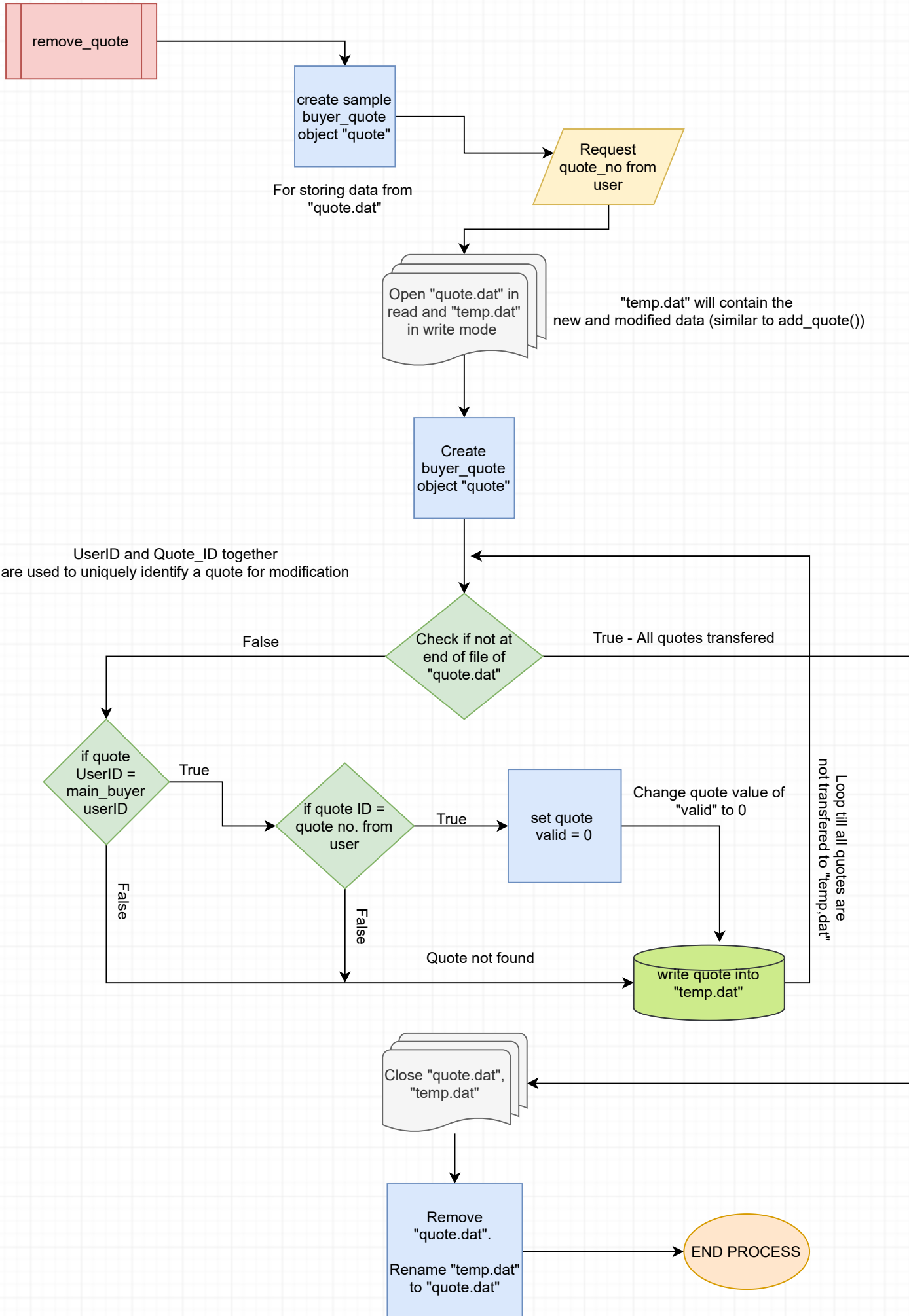
Members:

1. integer Valid - if valid then visible to farmers
2. String UserID
3. integer Quote_no
4. String Crop
5. float price
6. String Residence



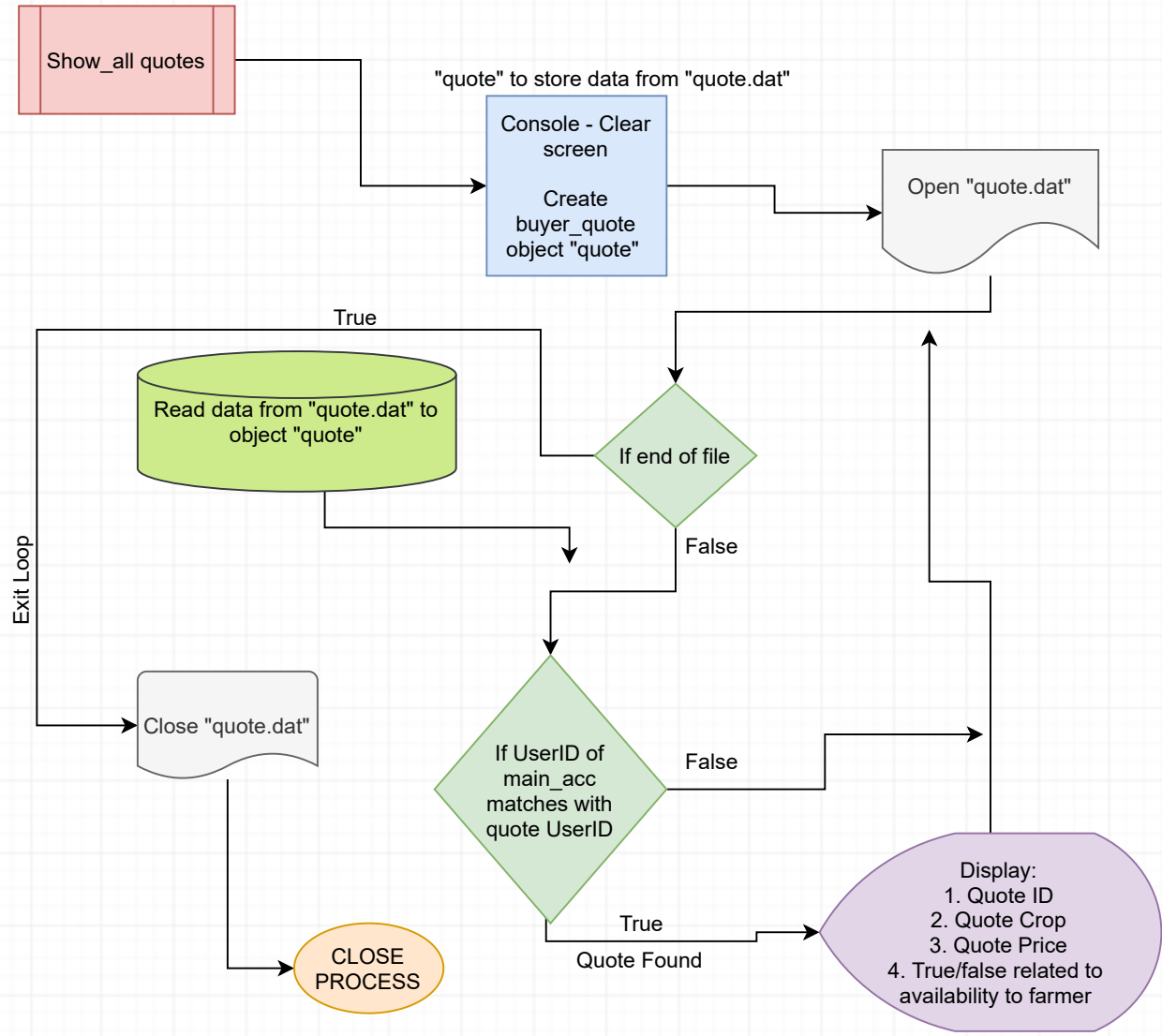
Remove_quote()

Removes quote availability for farmers (makes valid to false)



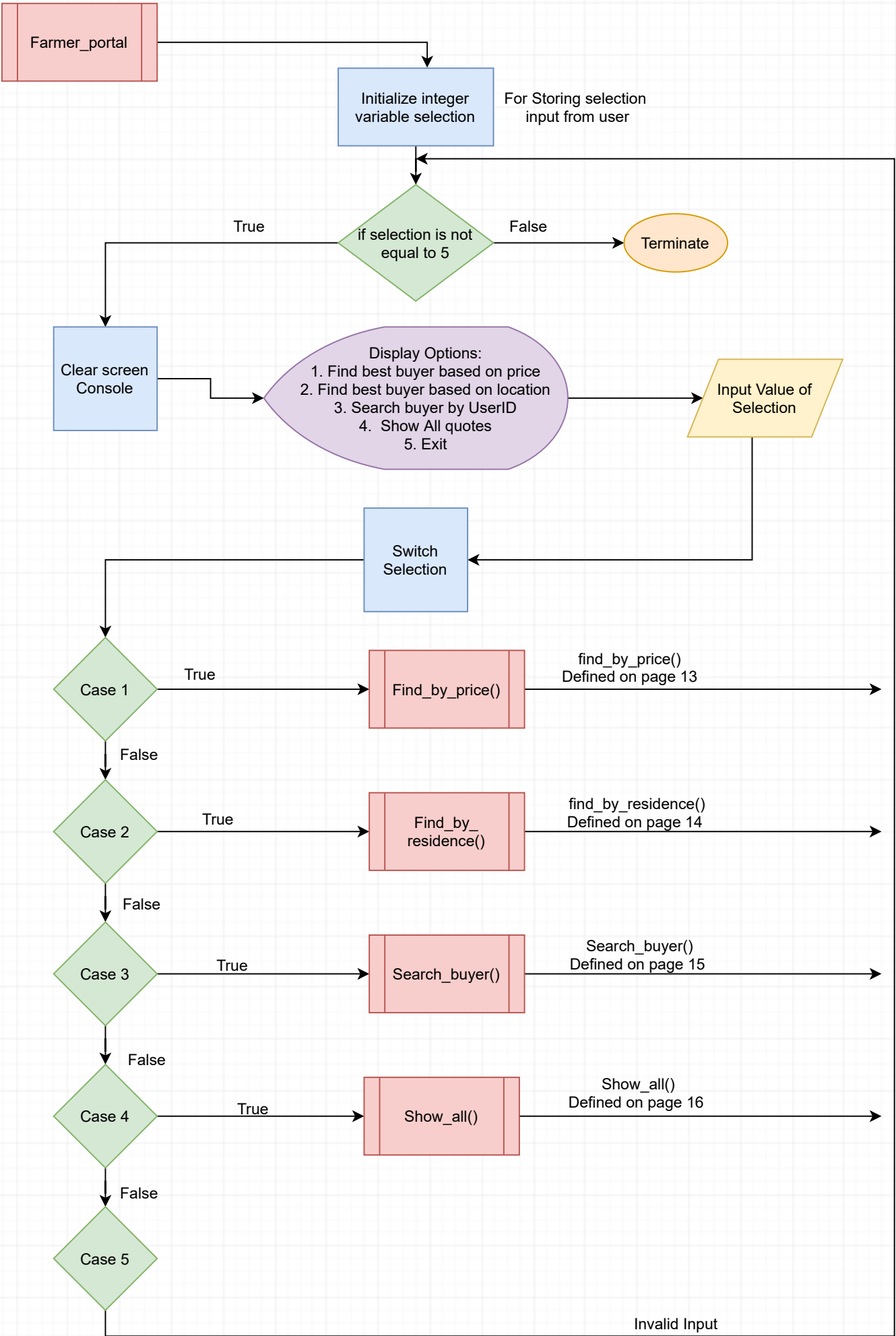
Show_all_quotes

To show all quotes of that particular account



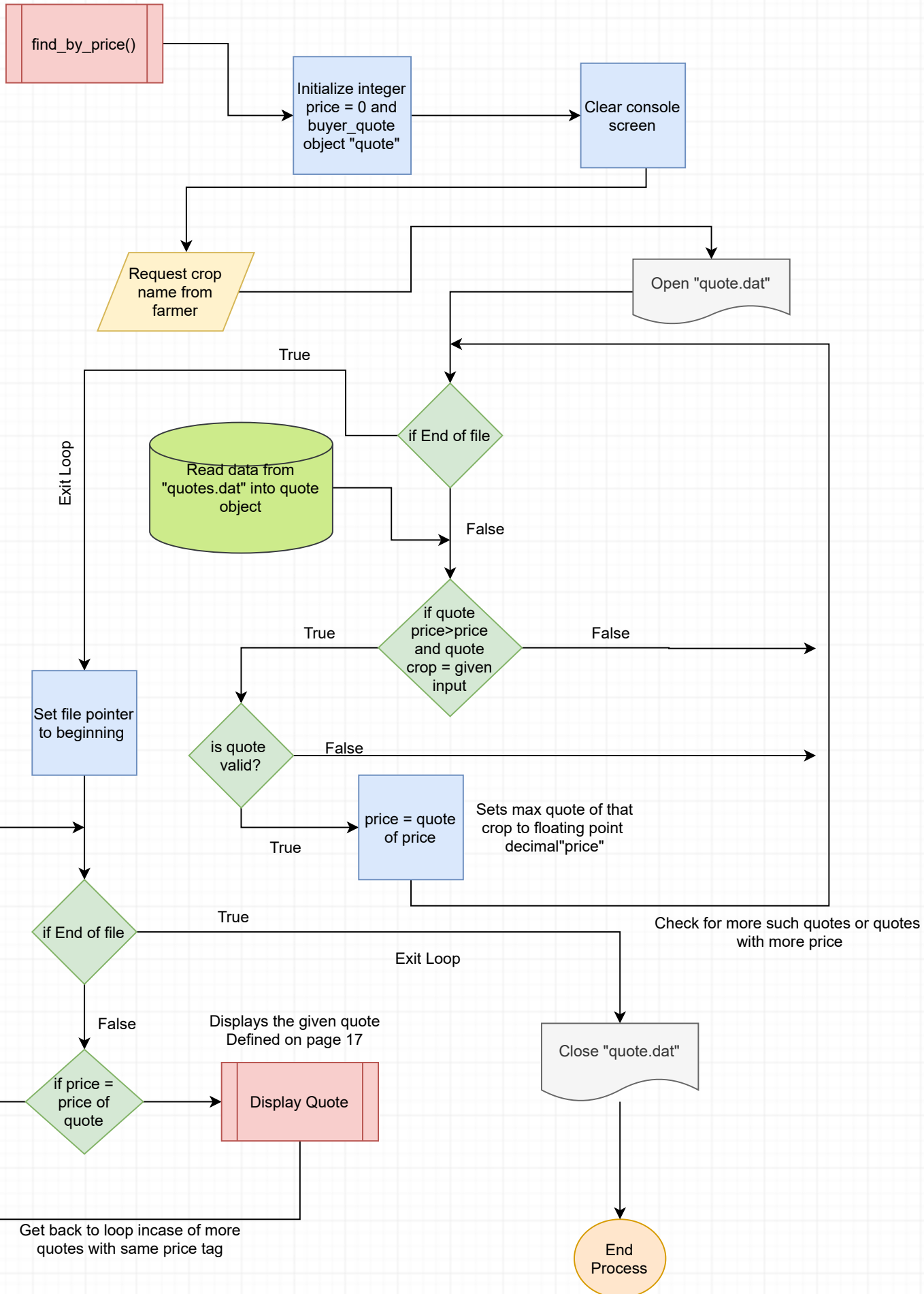
Farmer_portal()

Shows Options for Farmer to access and search for quotes

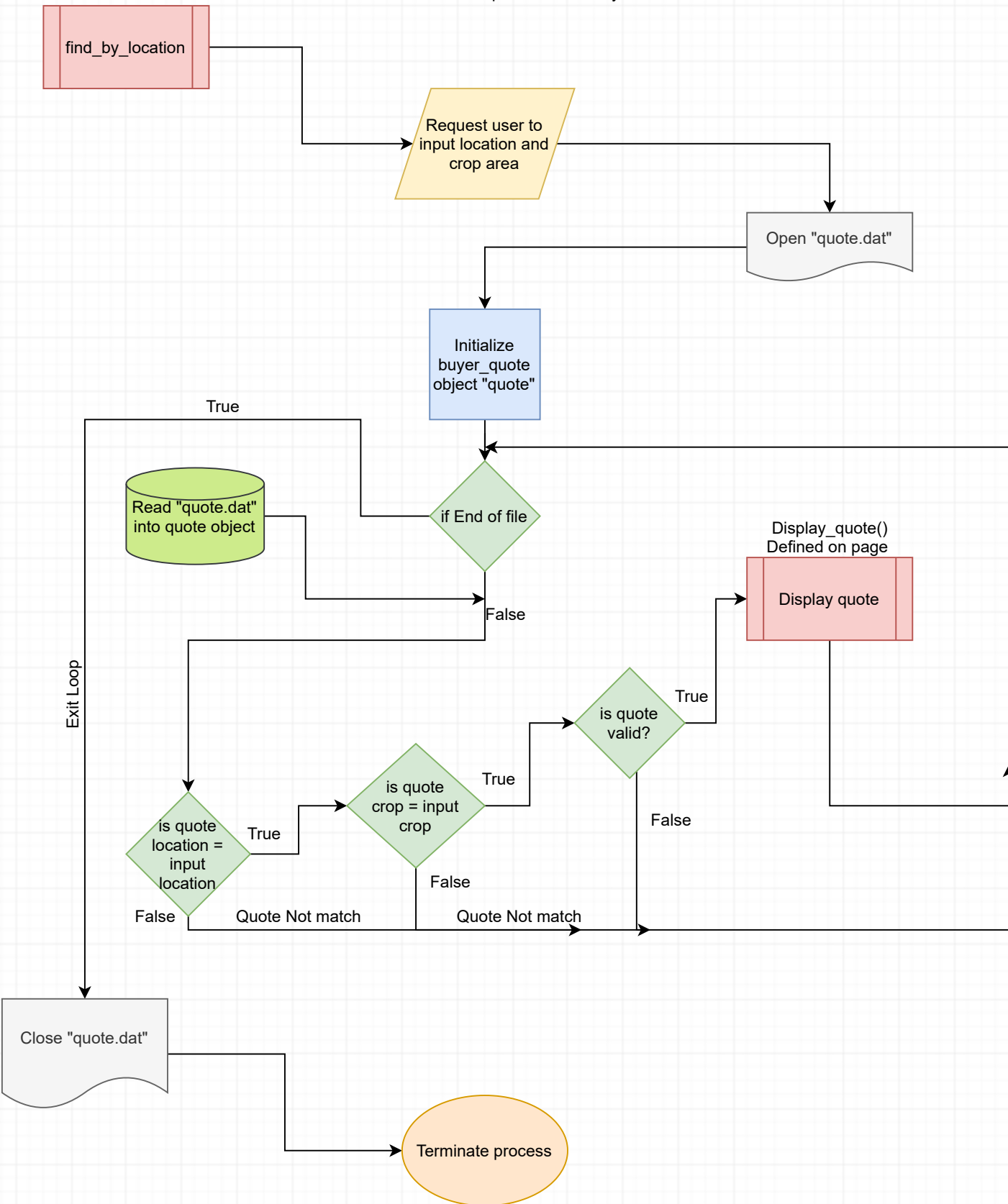


Find_by_price

Finds best quote by price for a buyer depending on a given crop

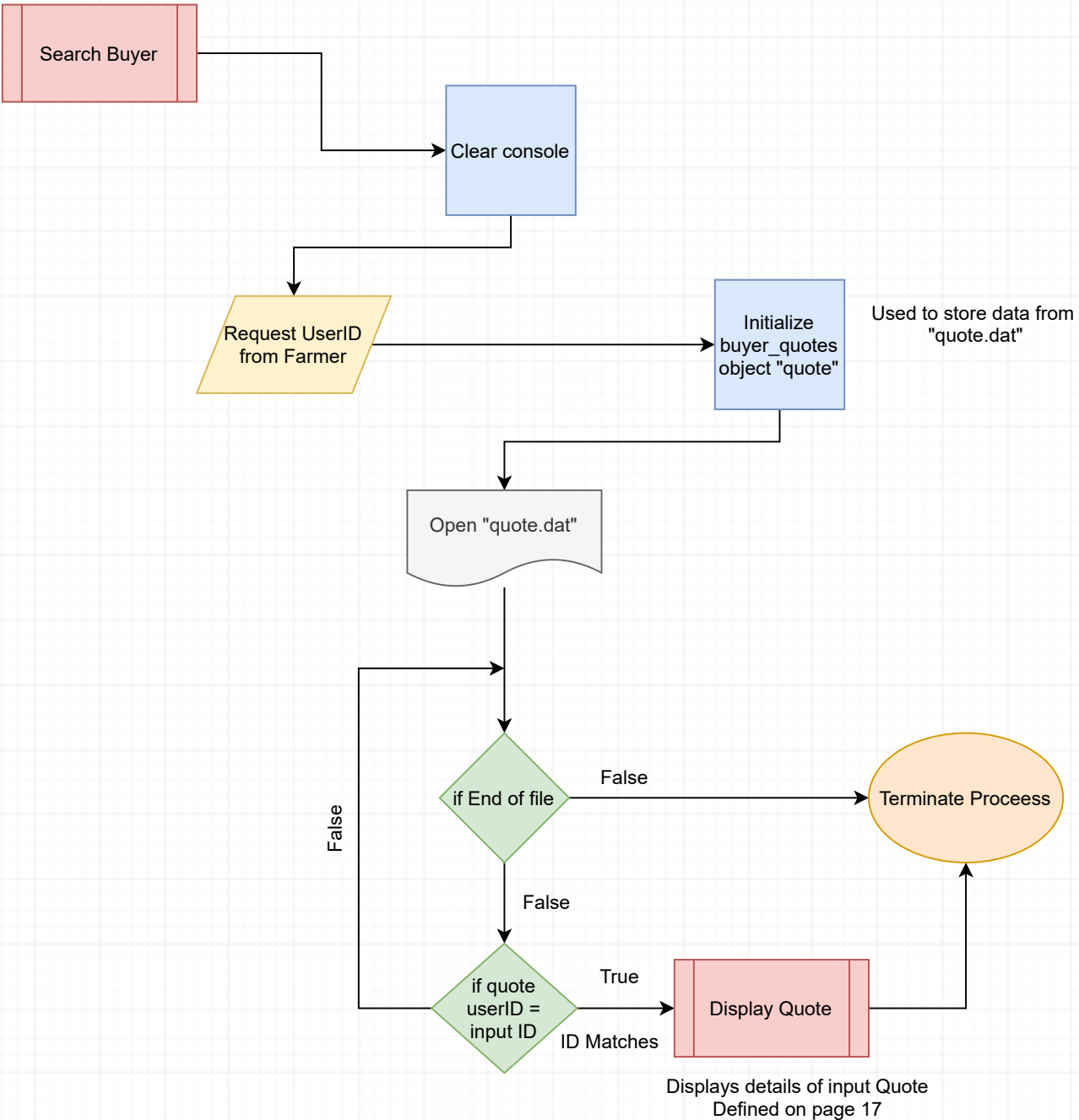


Used to find best quote available by location search



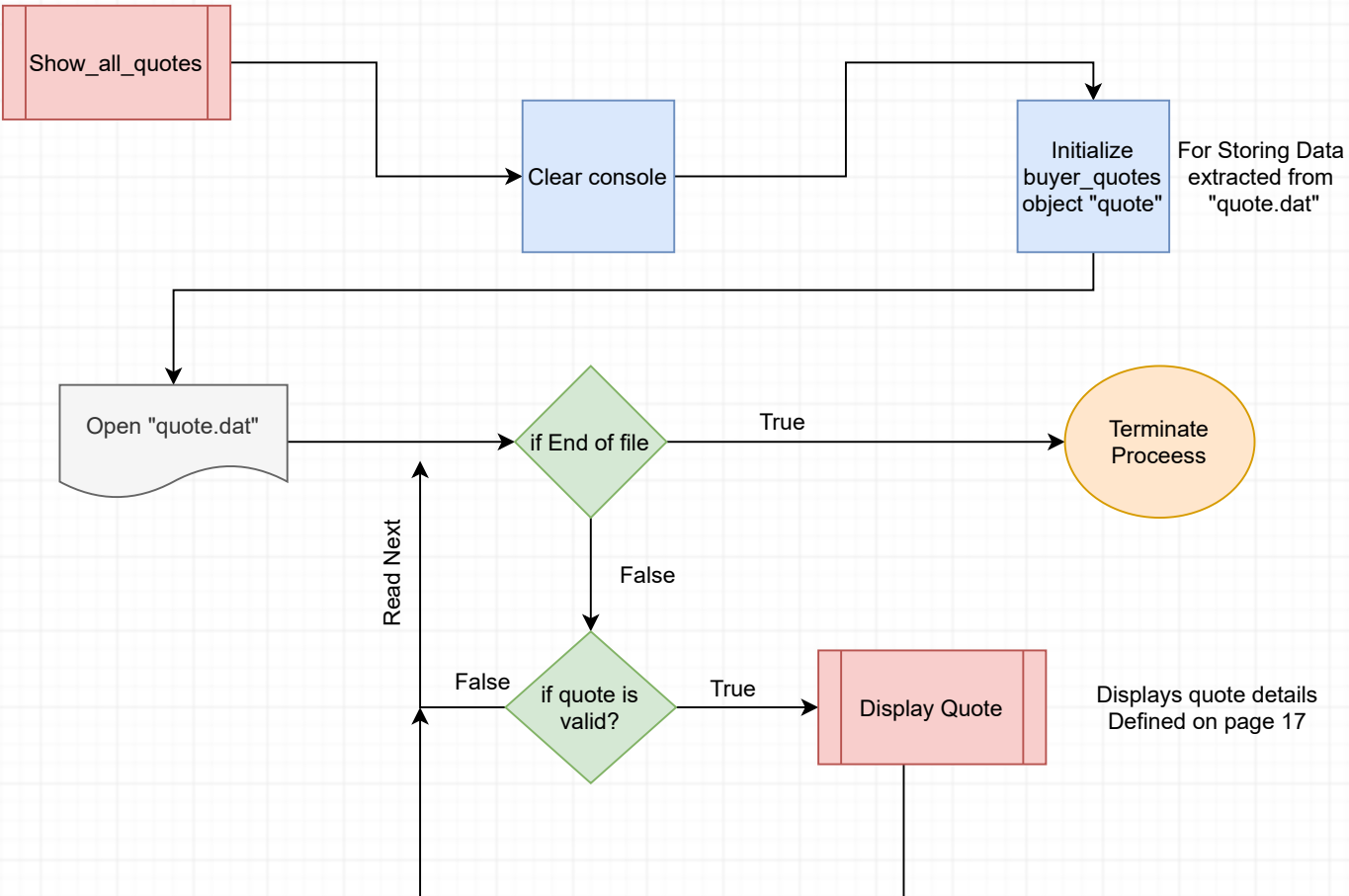
Search_by_ID

Allows farmer to search a buyer by ID



Show_all_quote

Shows all quotes that is accessible to farmers (Quote.valid is 1)



Display_quote()

Takes in structure buyer_quotes object as input and displays its corresponding details

