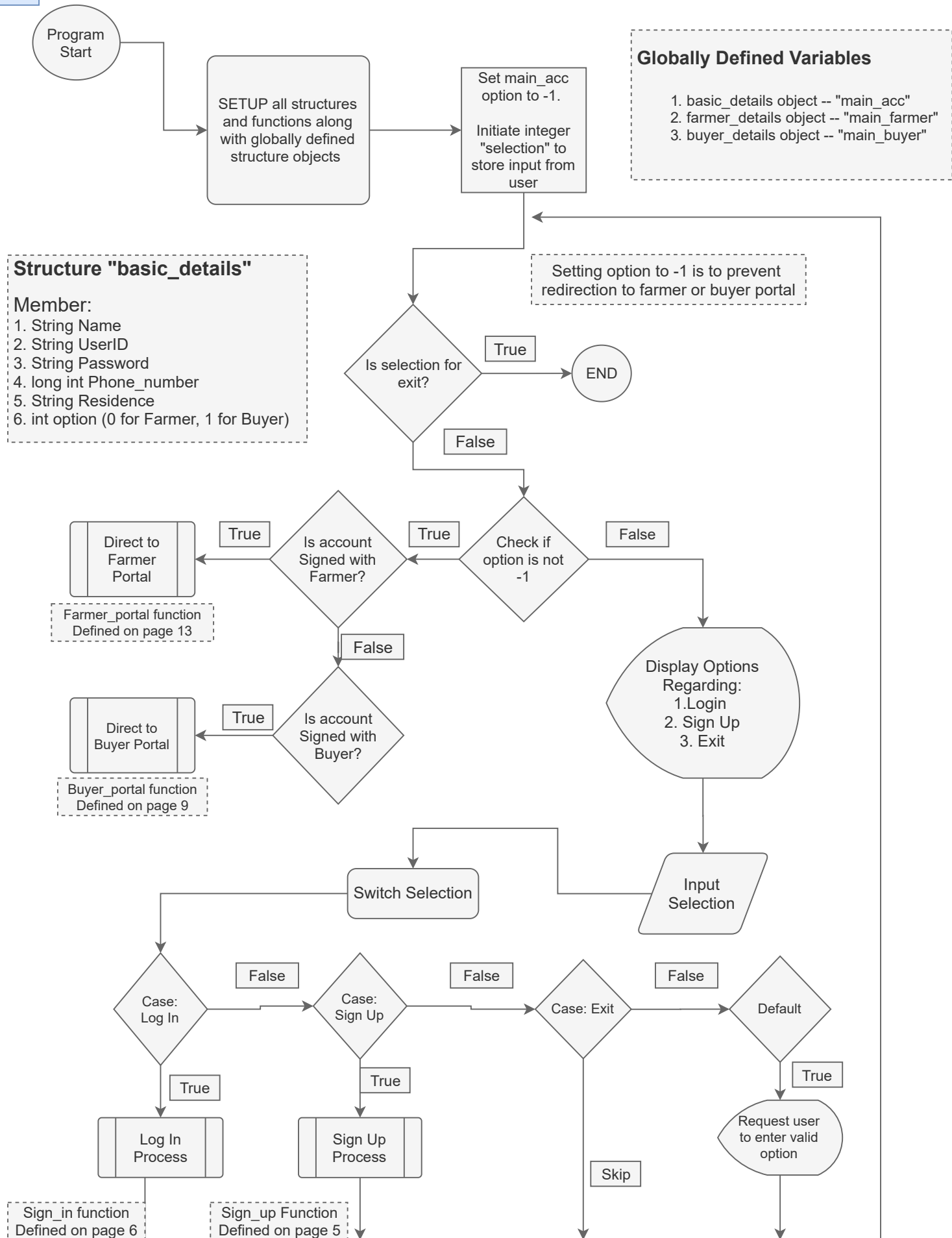


Function-Wise Flowchart

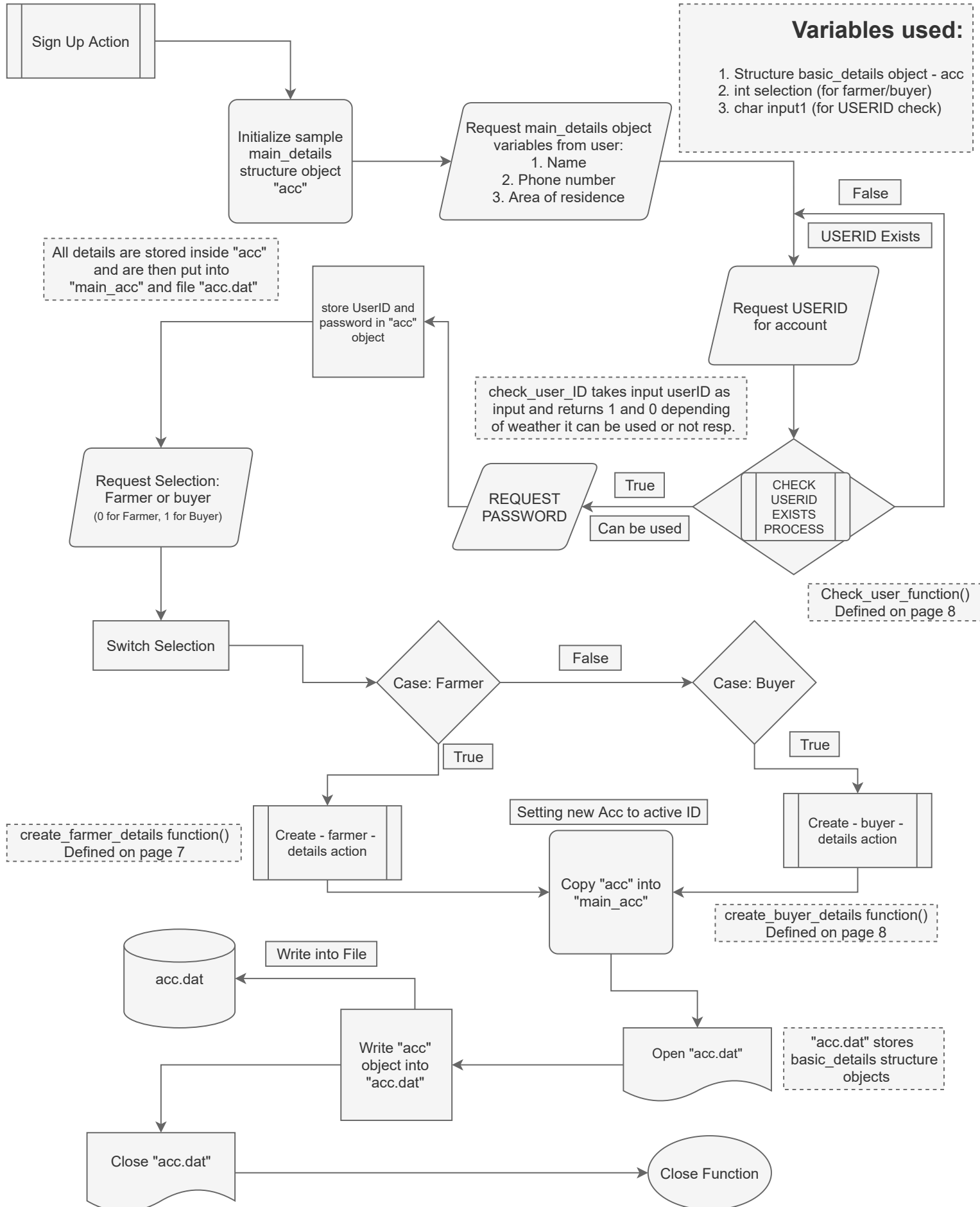


SIGN UP FUNCTION

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)



Sign_In

Sign In function

Used to Log-In into a new acc

struct farmer_details

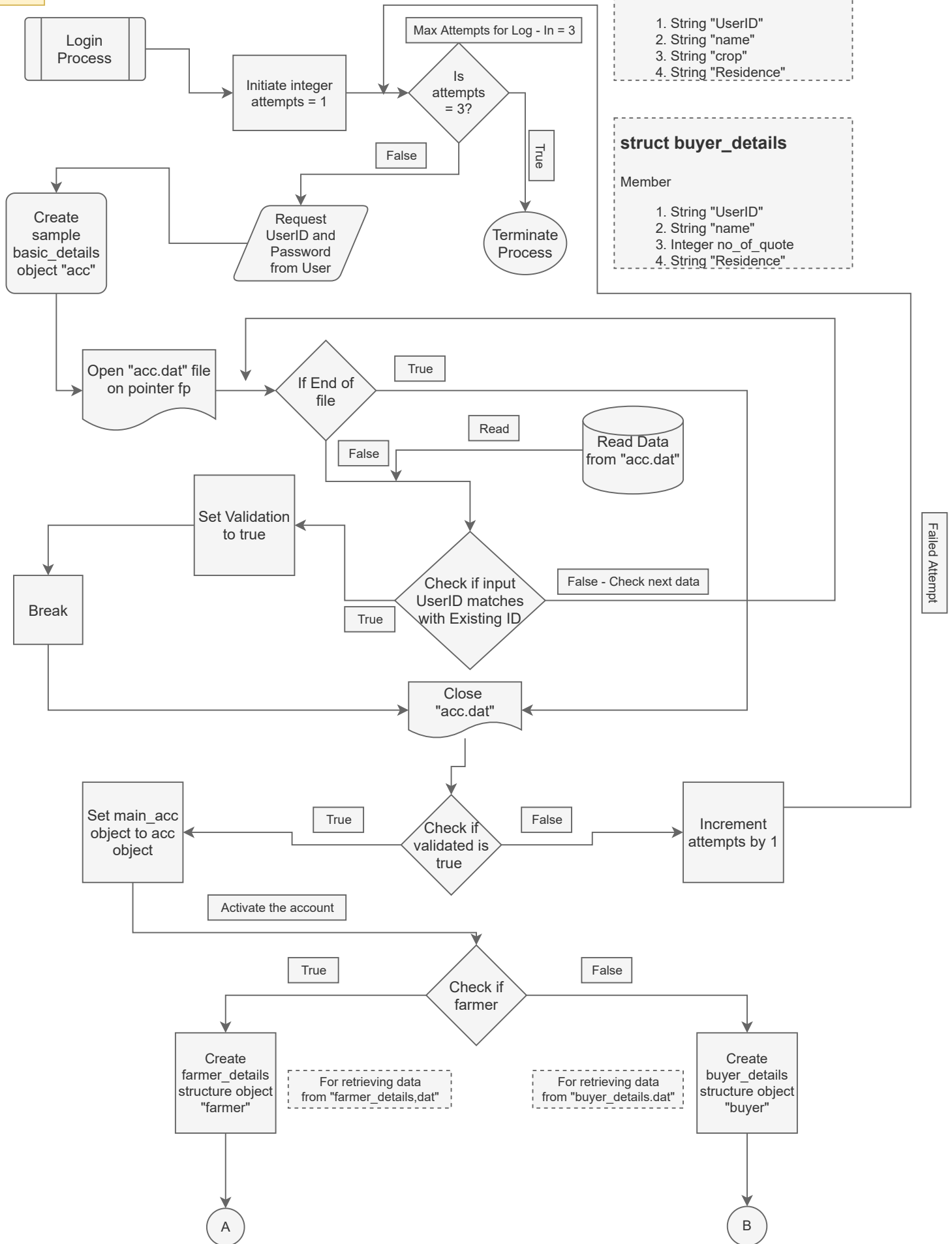
Member

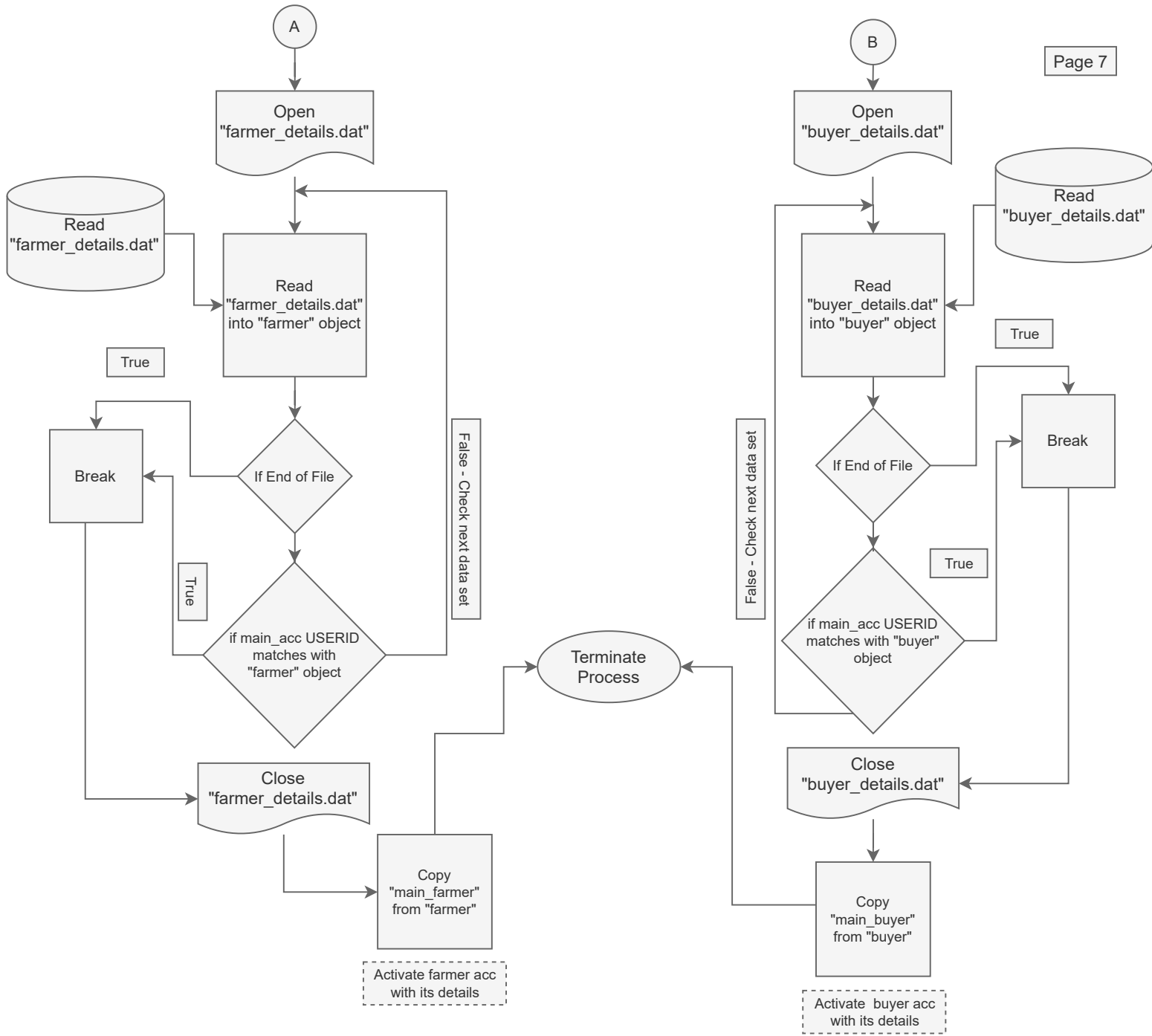
1. String "UserID"
2. String "name"
3. String "crop"
4. String "Residence"

struct buyer_details

Member

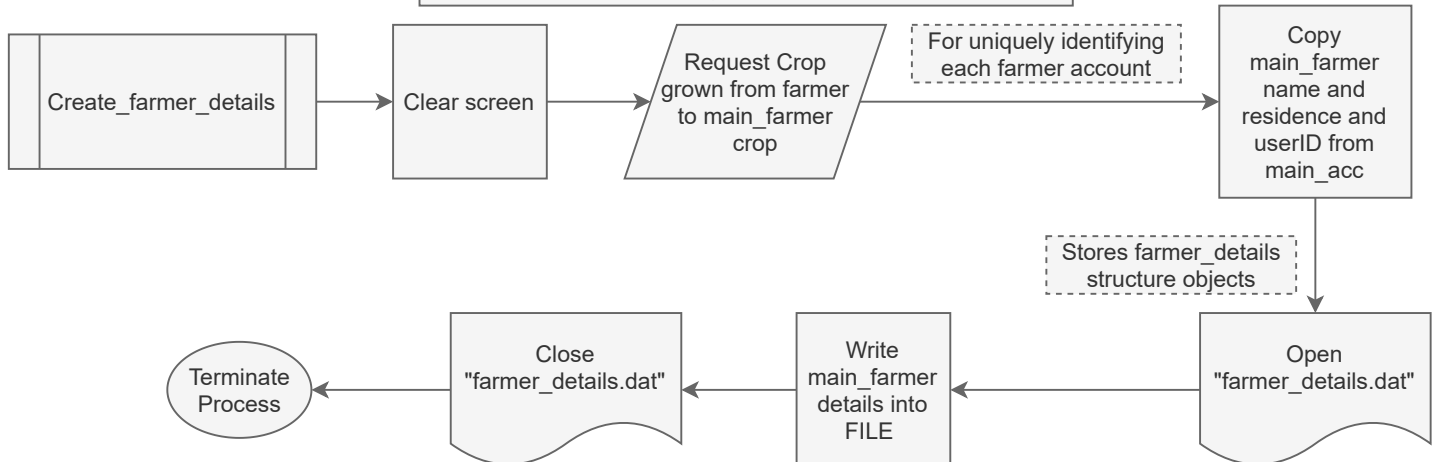
1. String "UserID"
2. String "name"
3. Integer no_of_quote
4. String "Residence"





Create_farmer_details

Creates farmer details entry in file and sets to active account

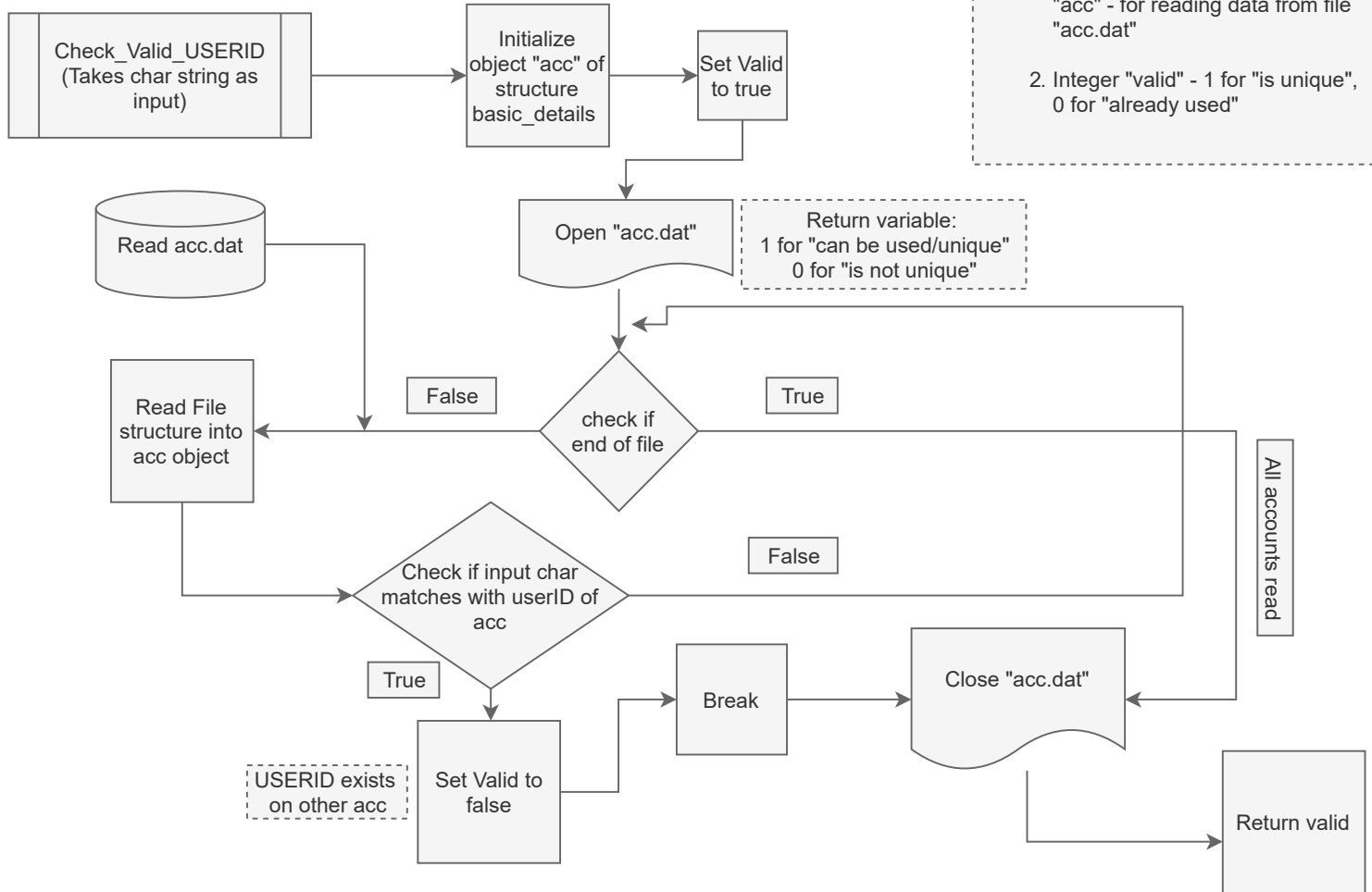


check_valid_userID

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

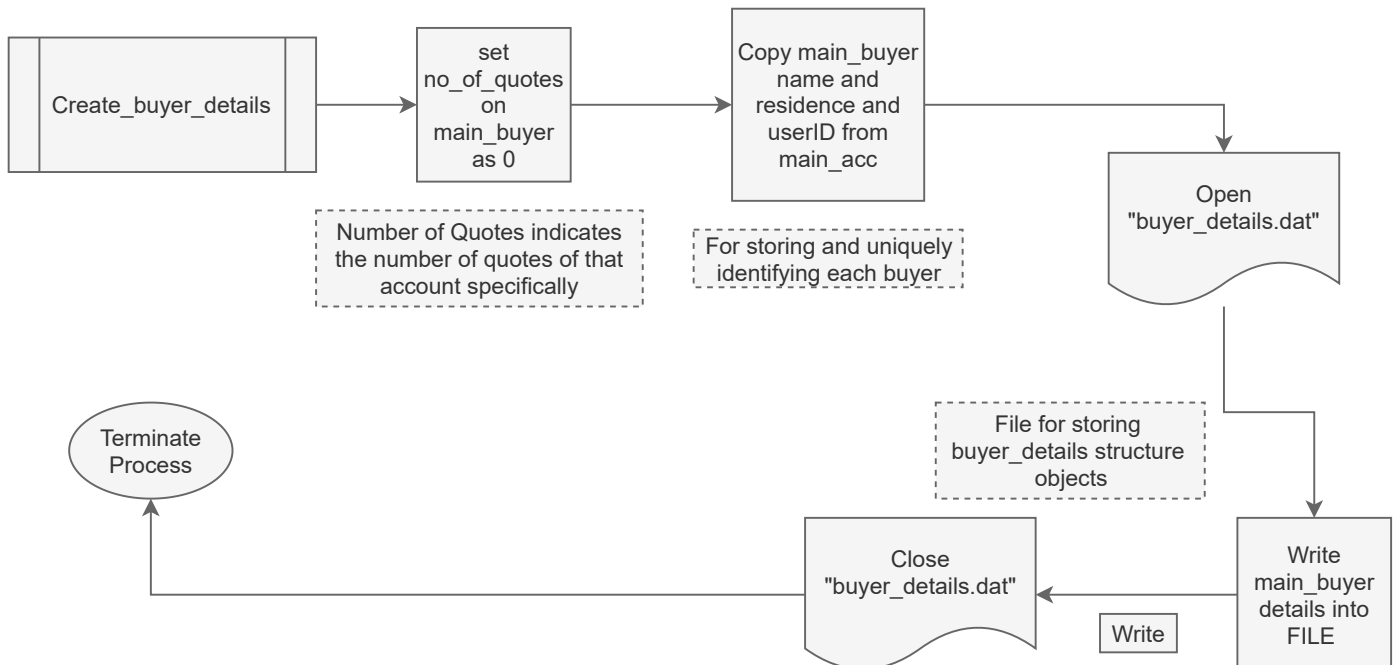
Variables used

1. Basic_details structure object "acc" - for reading data from file "acc.dat"
2. Integer "valid" - 1 for "is unique", 0 for "already used"



create_buyer_details

Creates new buyer account and makes it active.



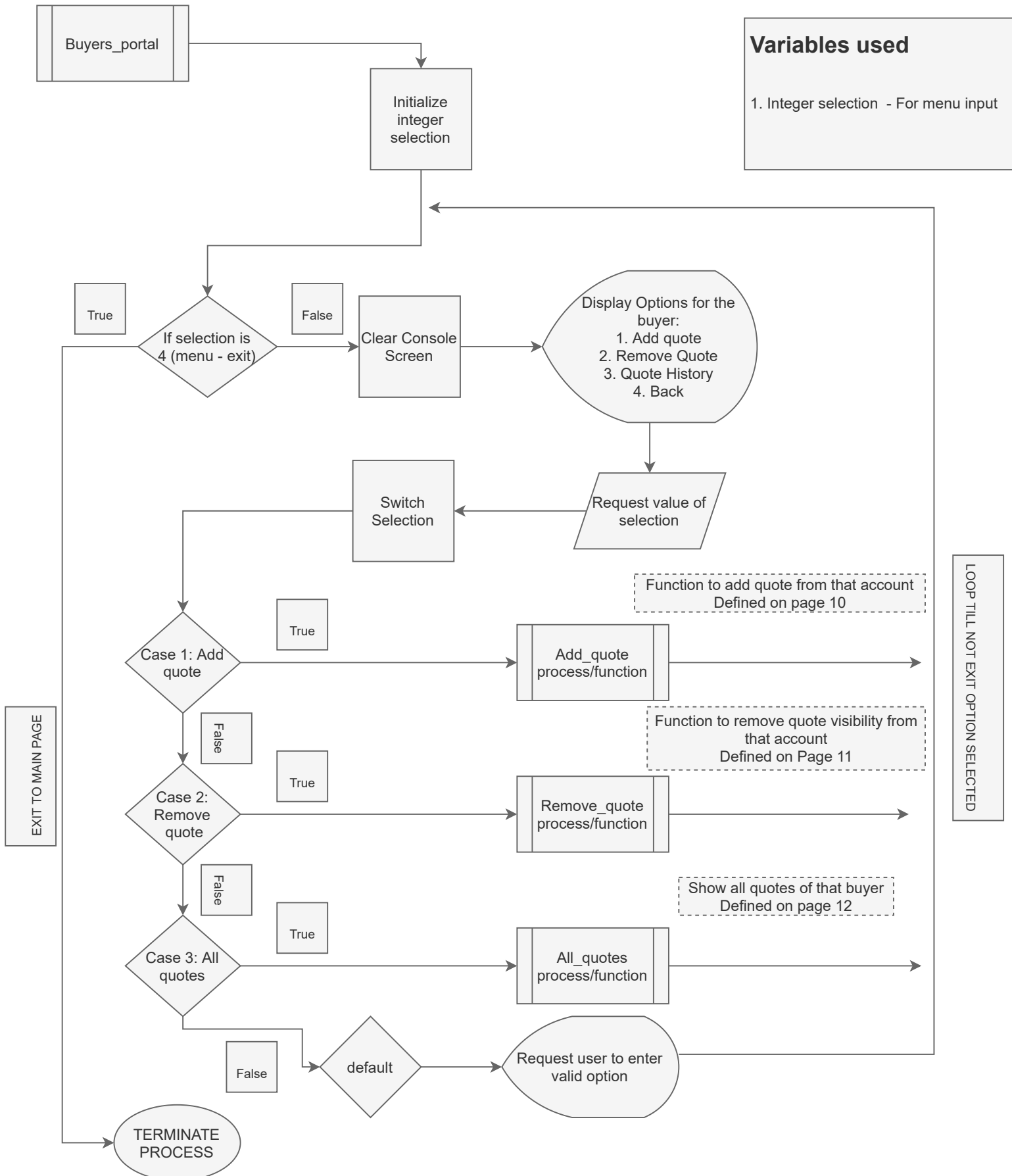
Buyer Portal

Displays Options for user if Buyer

Buyers_portal

Variables used

1. Integer selection - For menu input



Add Quote

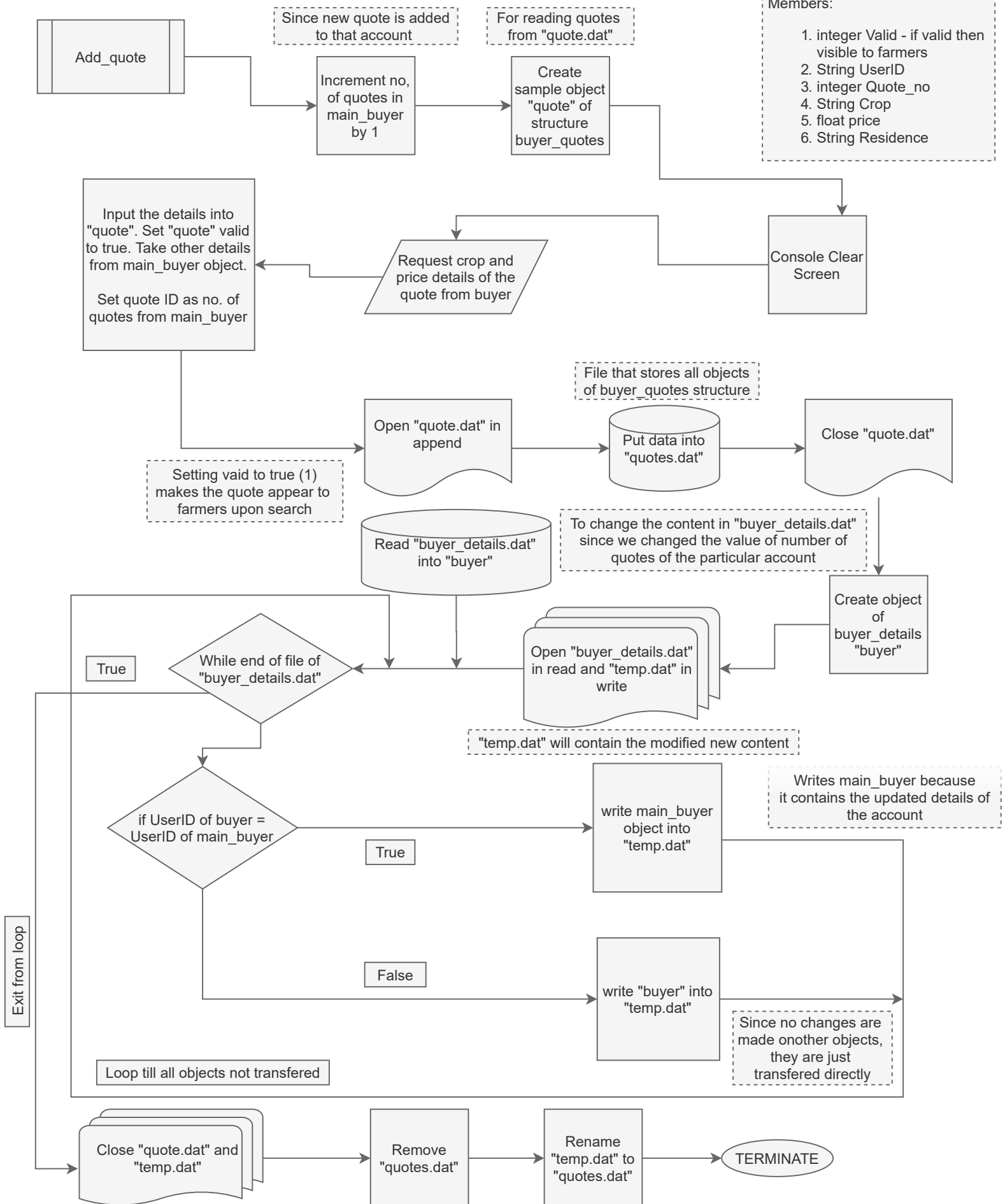
Add_quote()

Add Quote entry to database

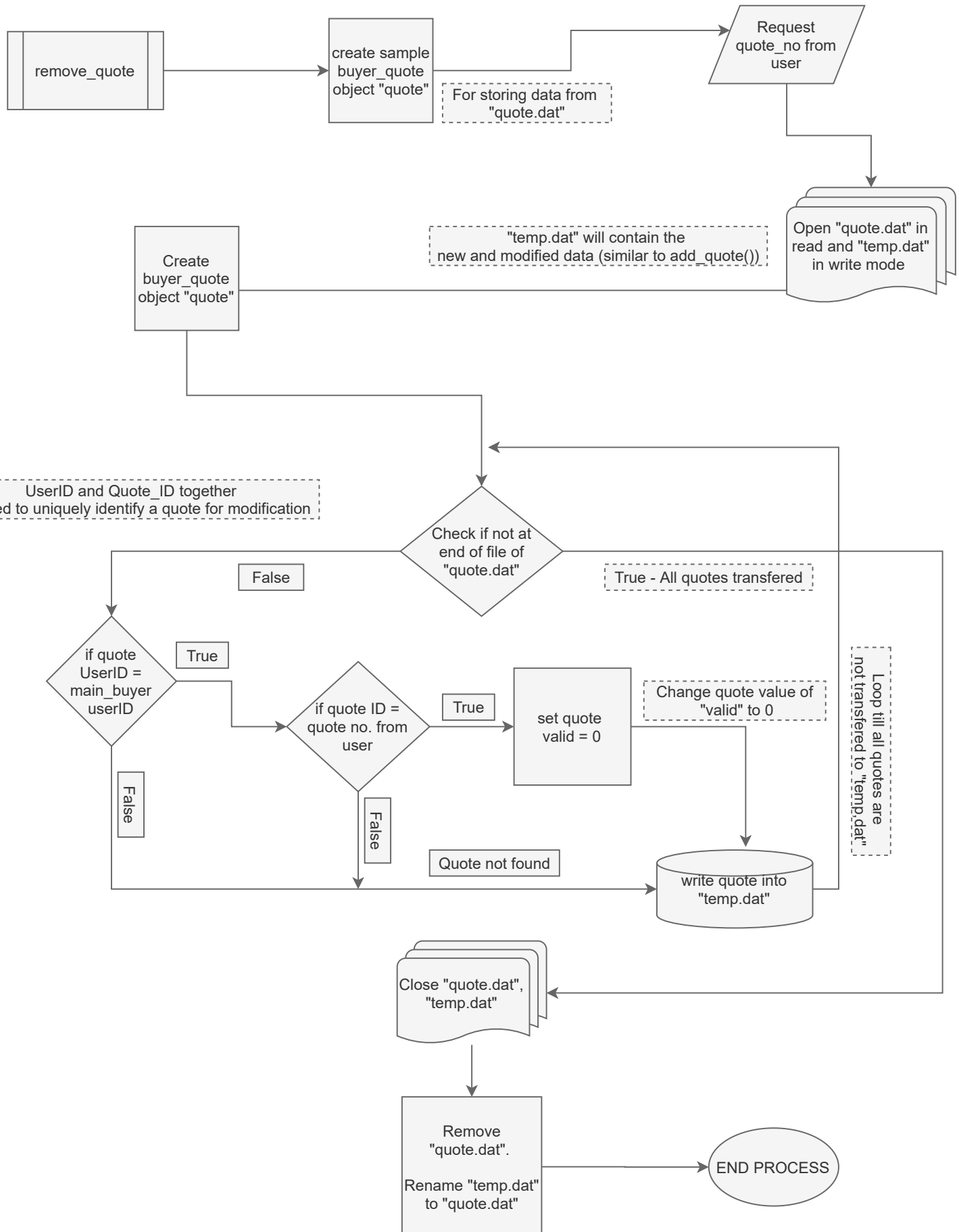
Structure buyer_quotes

Members:

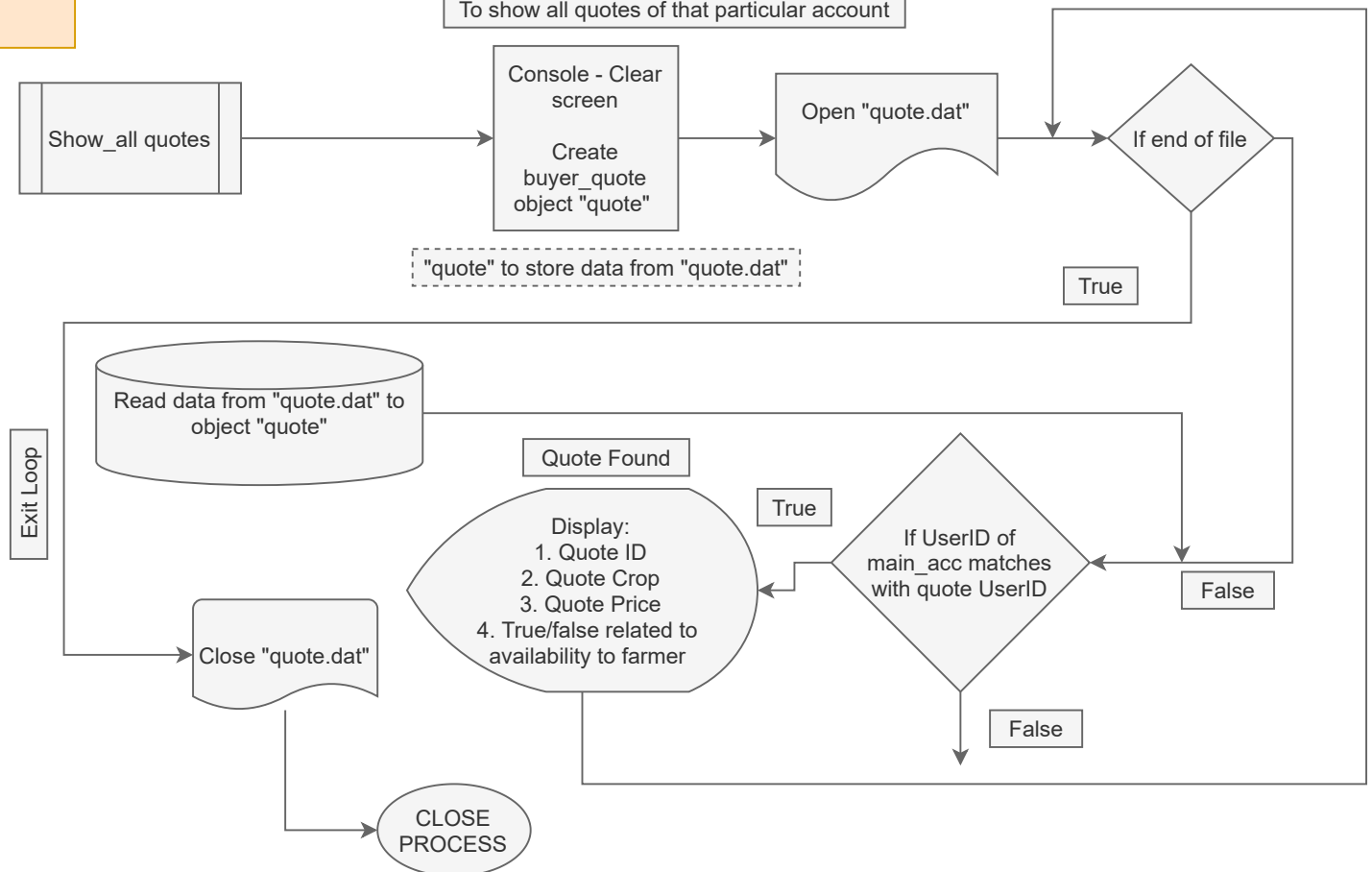
1. integer Valid - if valid then visible to farmers
2. String UserID
3. integer Quote_no
4. String Crop
5. float price
6. String Residence



Removes quote availability for farmers (makes valid to false)

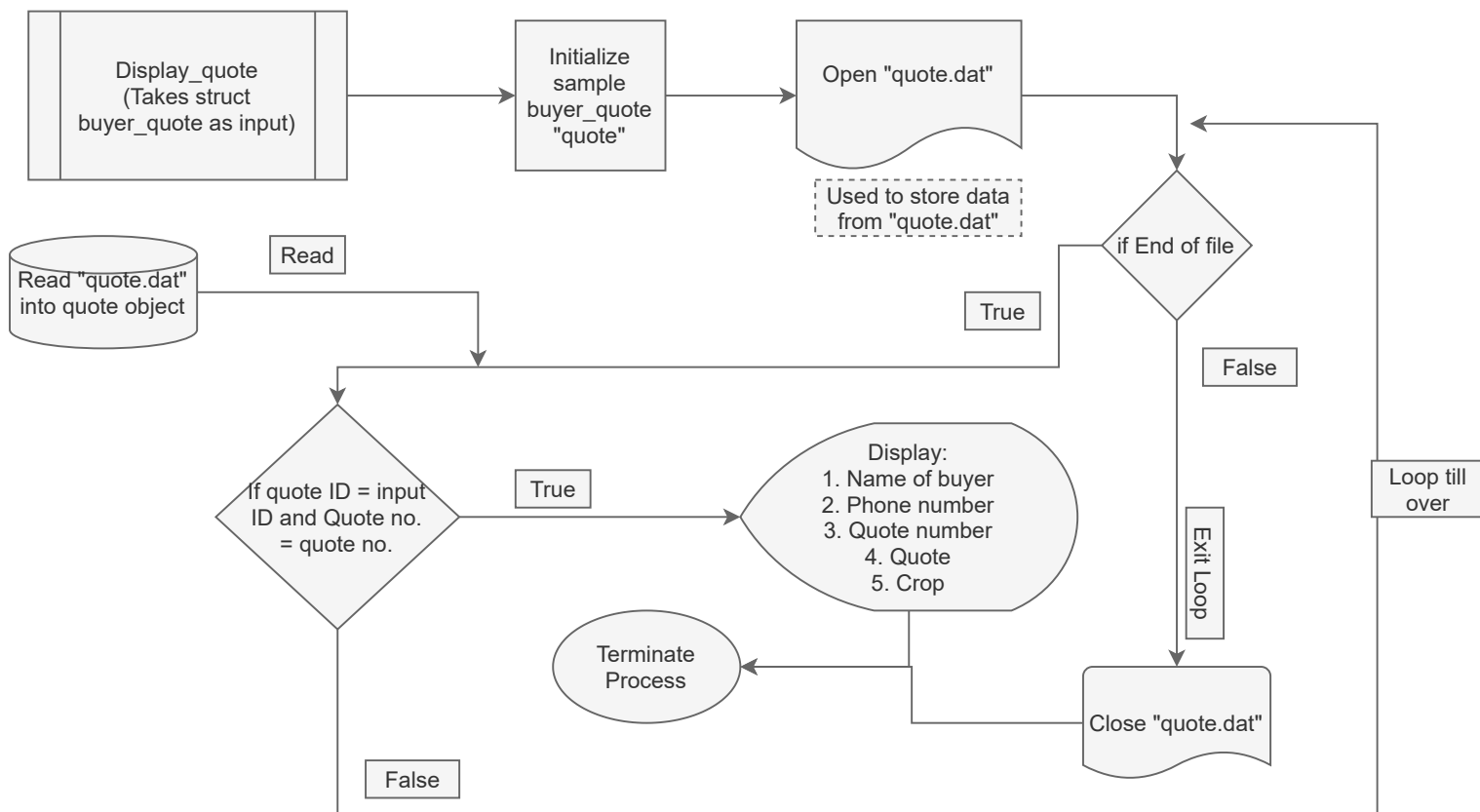


To show all quotes of that particular account

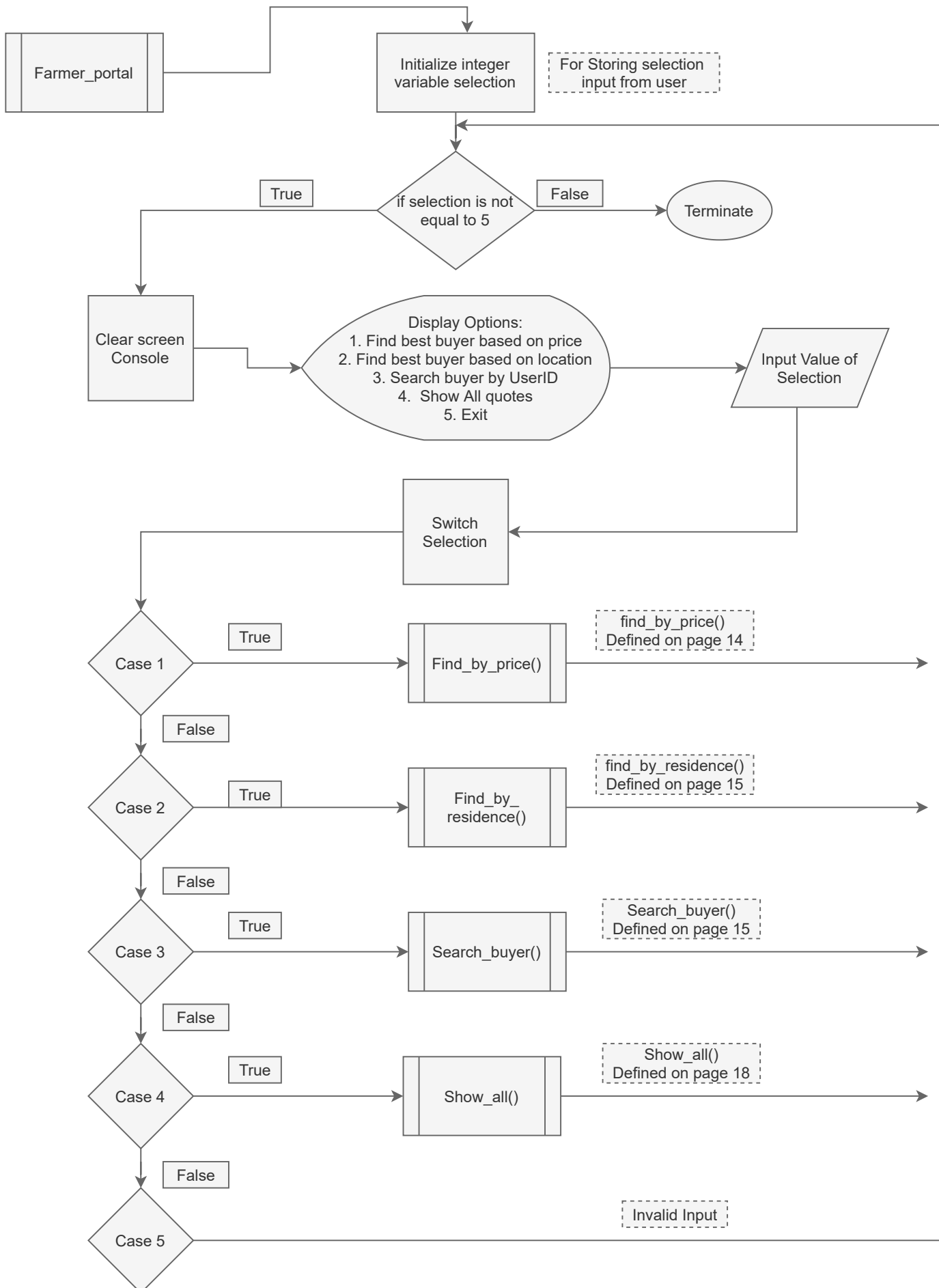


Display_quote()

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

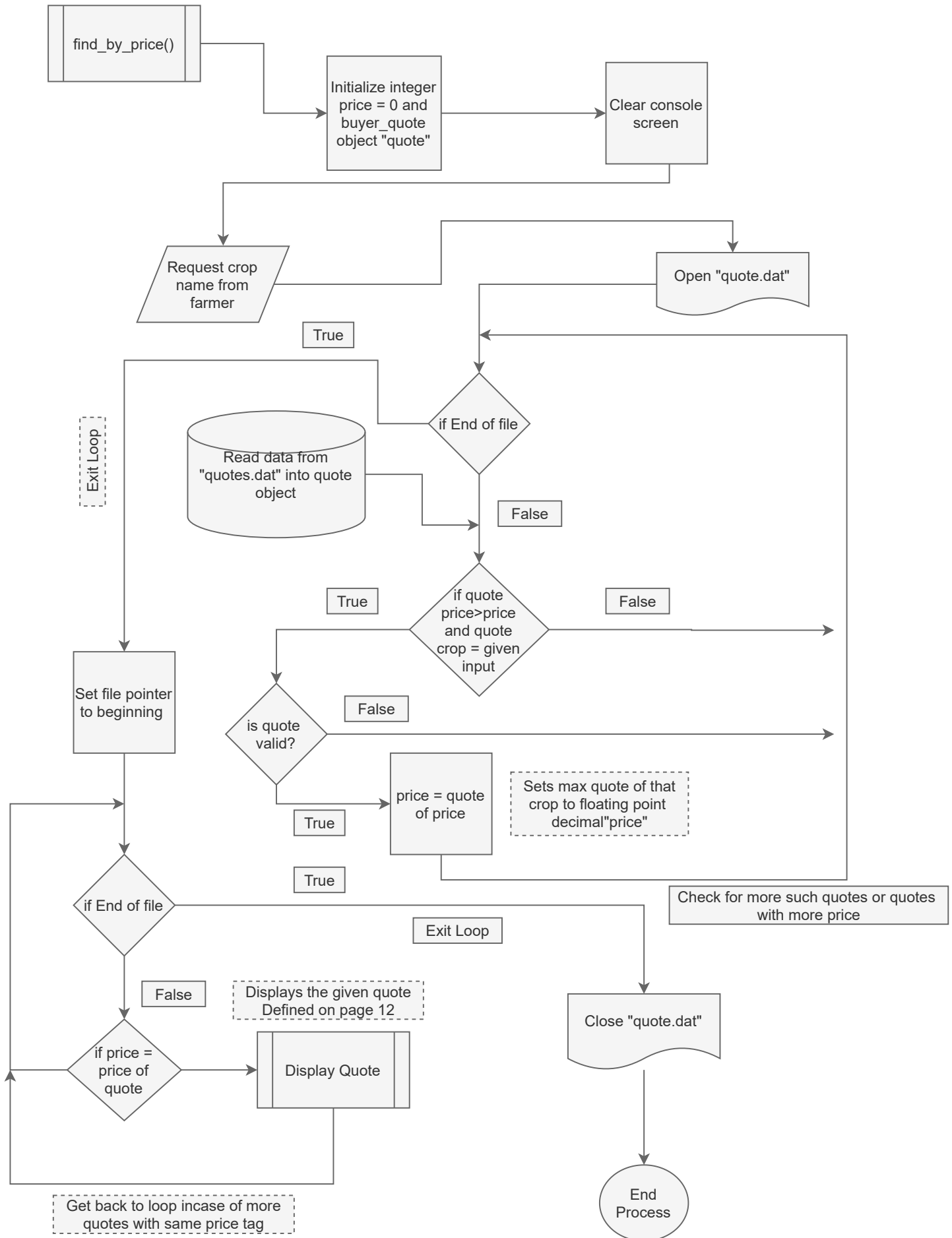


Shows Options for Farmer to access and search for quotes



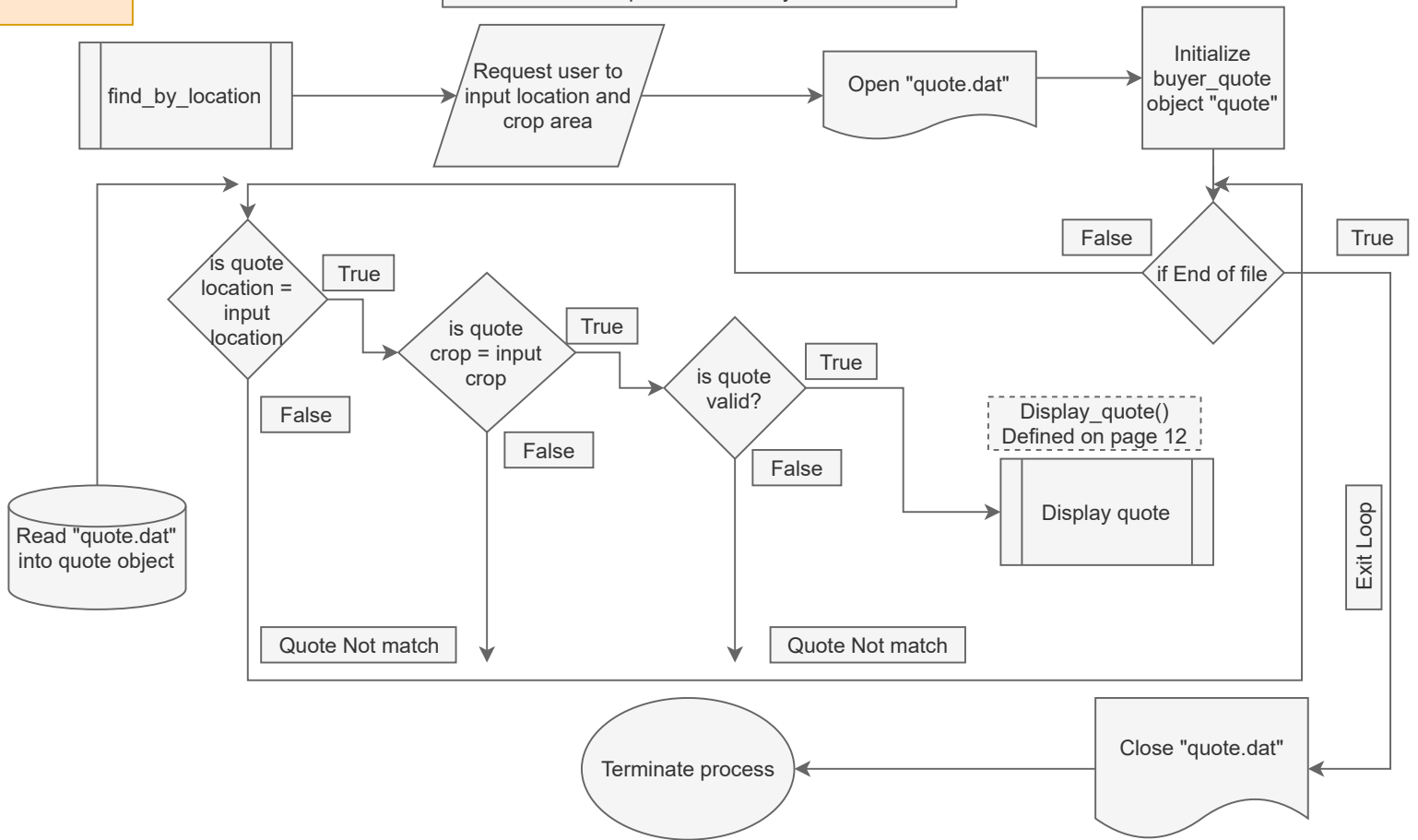
Find_by_price

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



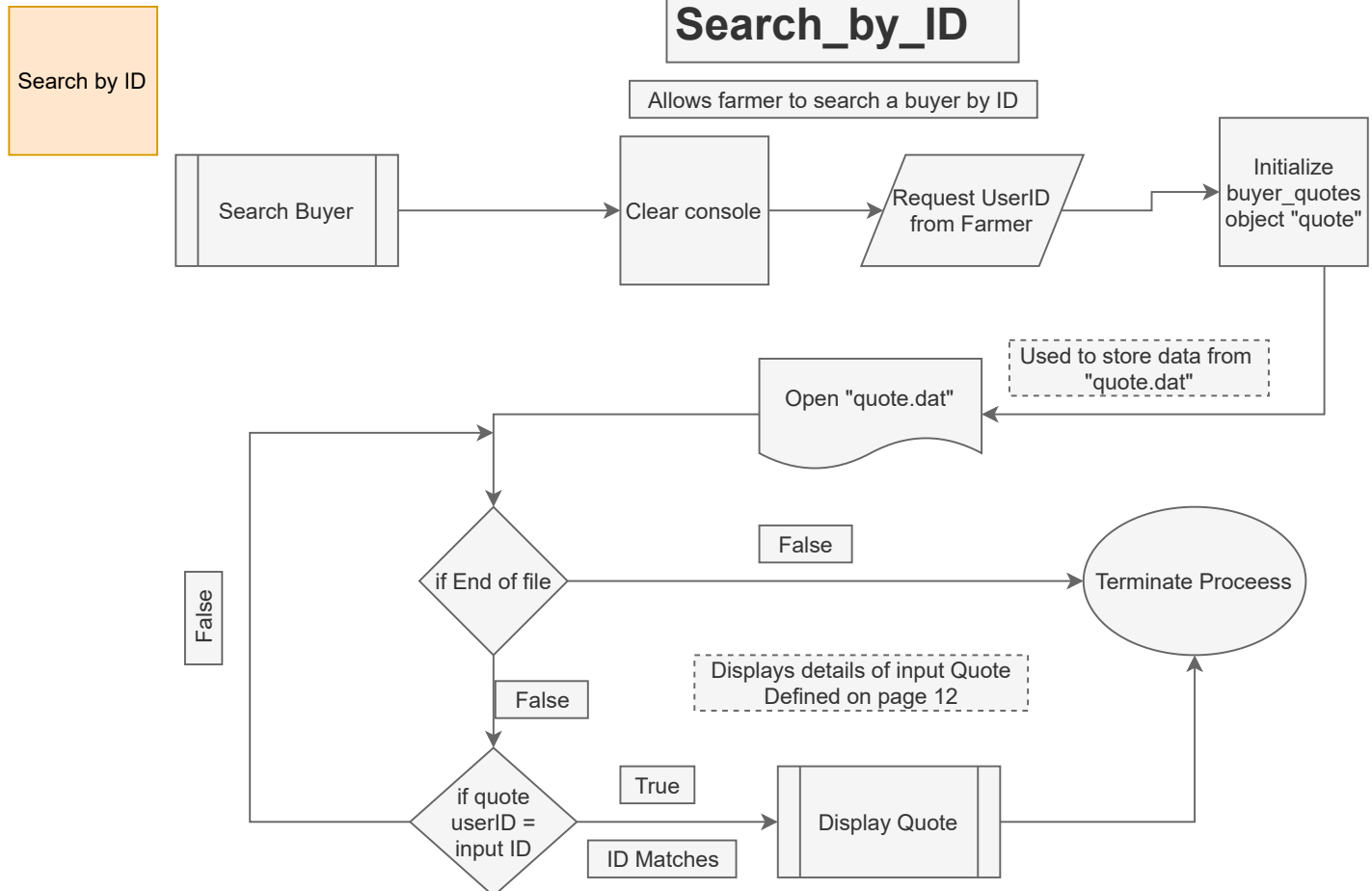
Find_by_location

Used to find best quote available by location search



Search_by_ID

Allows farmer to search a buyer by ID



Show All
Quotes

Show_all_quote

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

