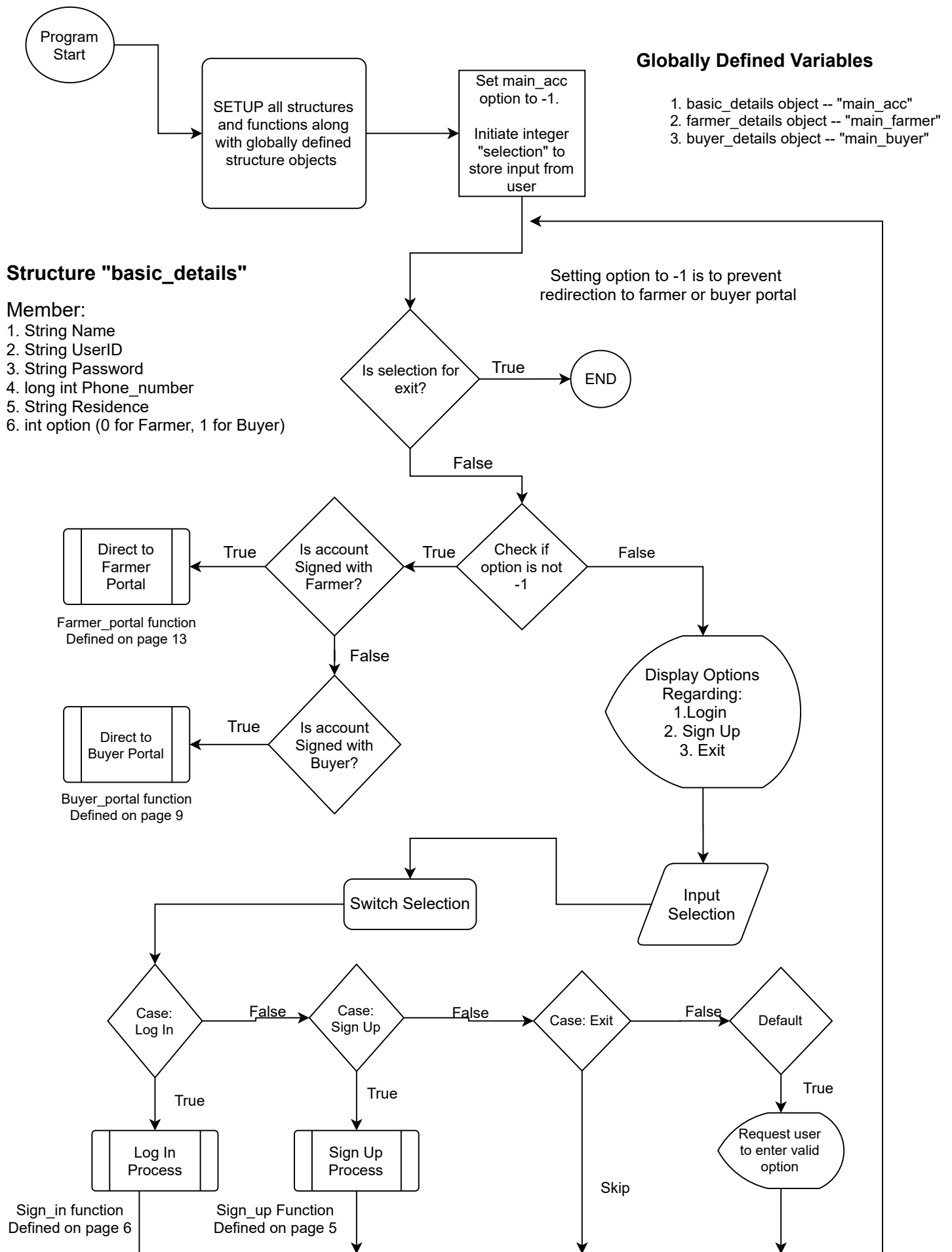


Function-Wise Flowchart



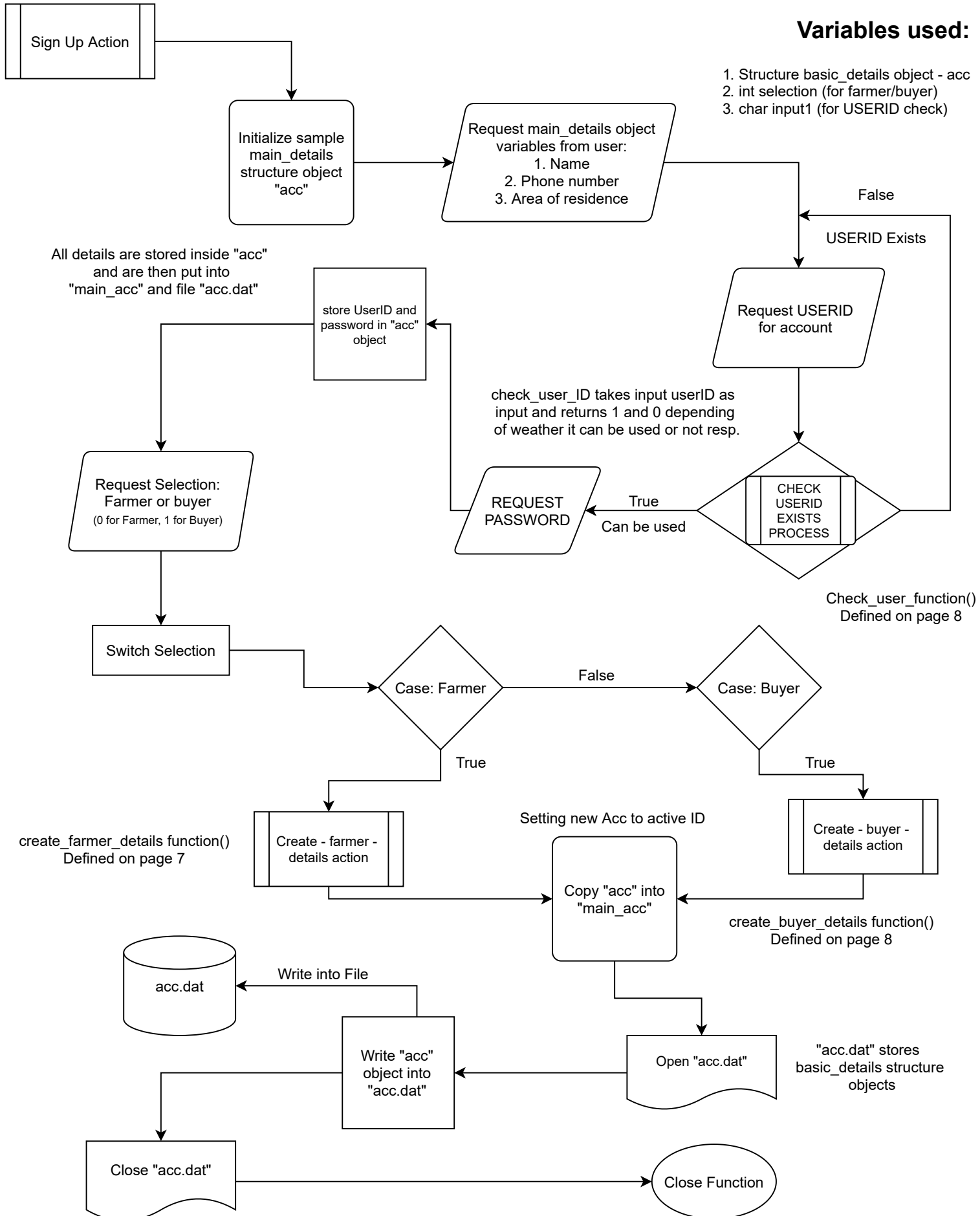
SIGN UP FUNCTION

Used to Add a new account to the database

Sign_Up

Variables used:

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



Sign In function

Used to Log-In into a new acc

struct farmer_details

Member

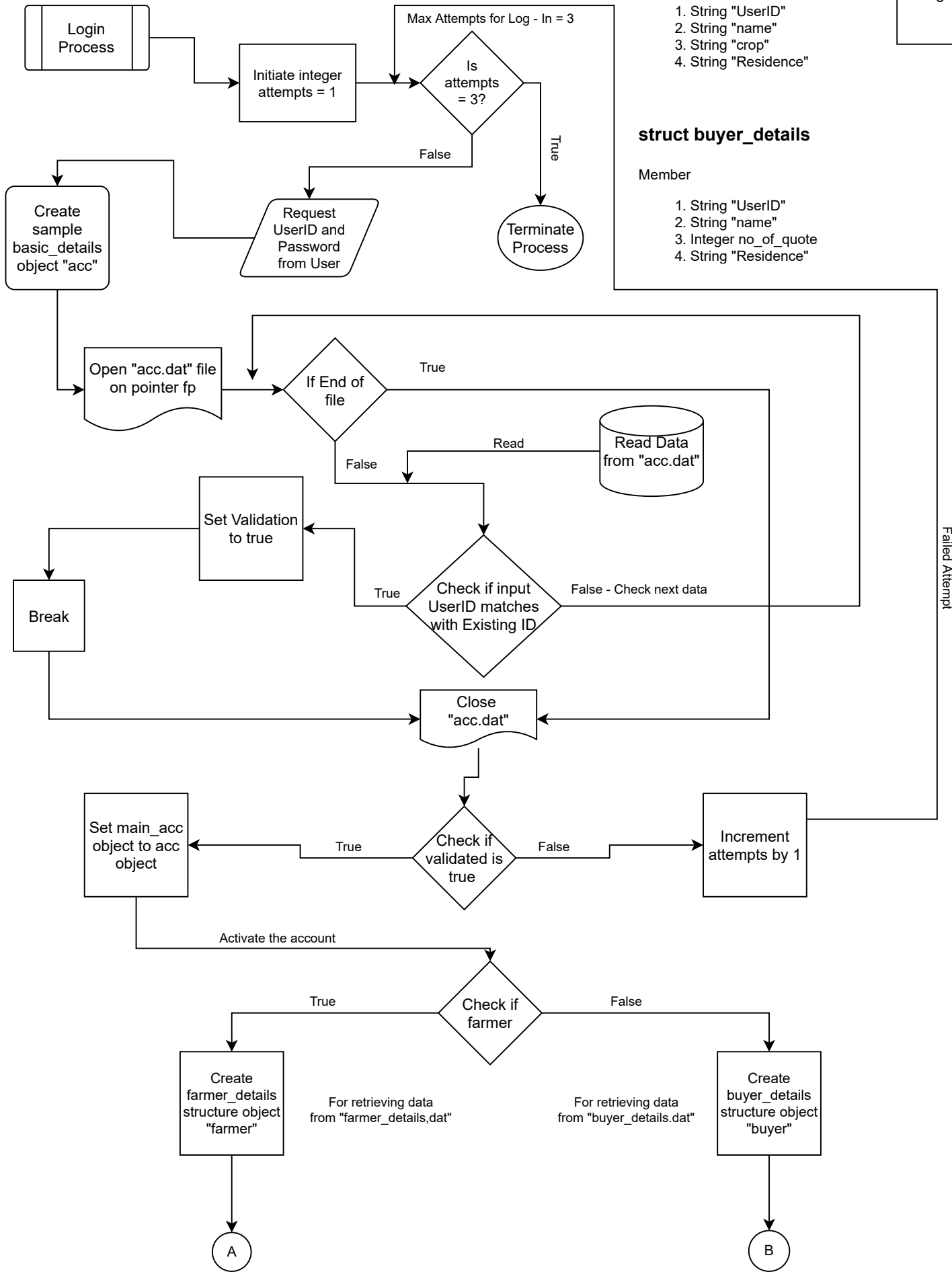
1. String "UserID"
2. String "name"
3. String "crop"
4. String "Residence"

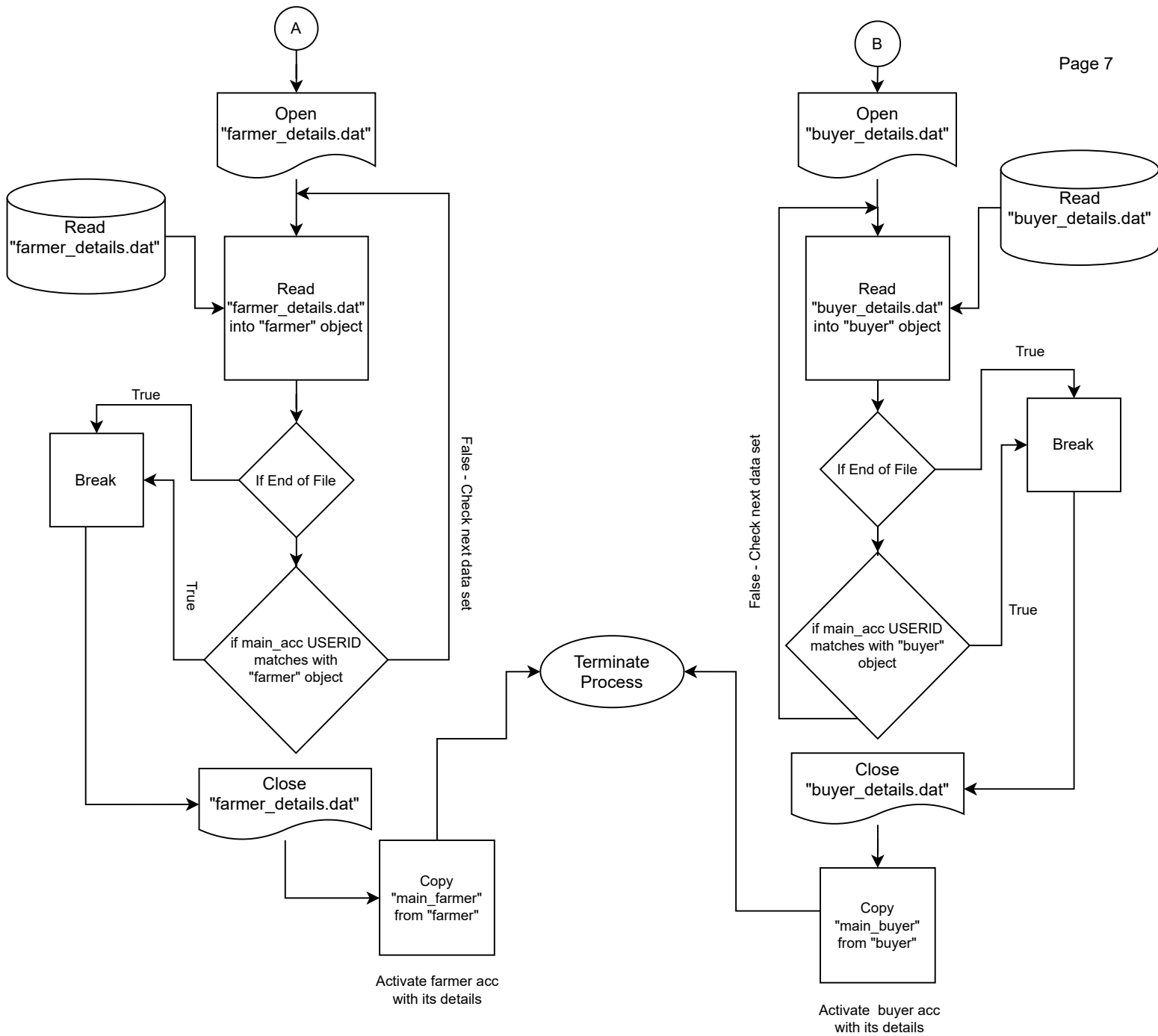
struct buyer_details

Member

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

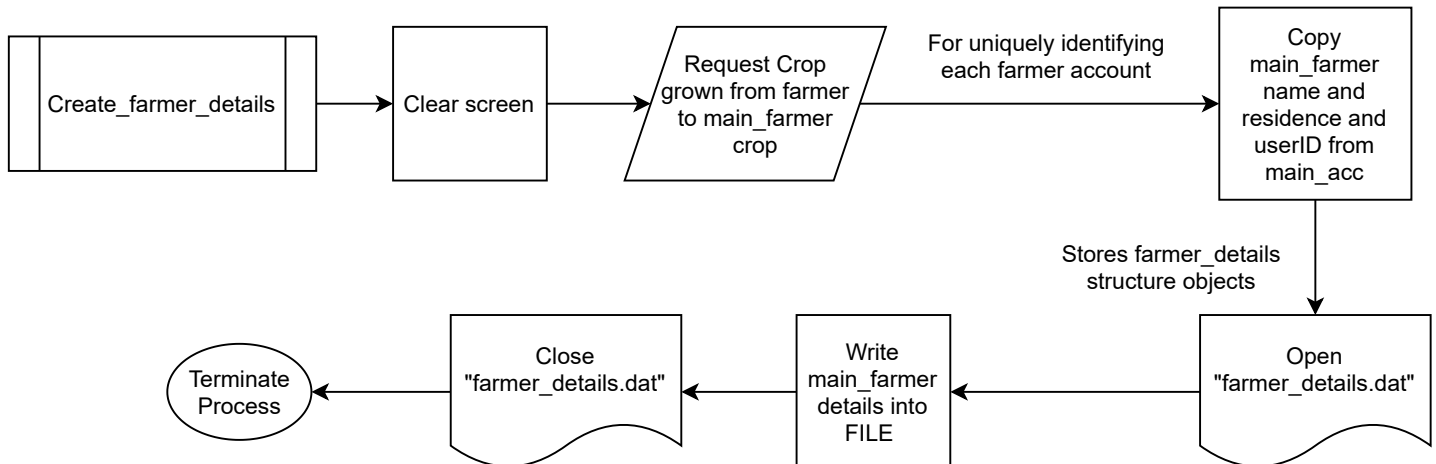
Sign_In





Create_farmer_details

Creates farmer details entry in file and sets to active account

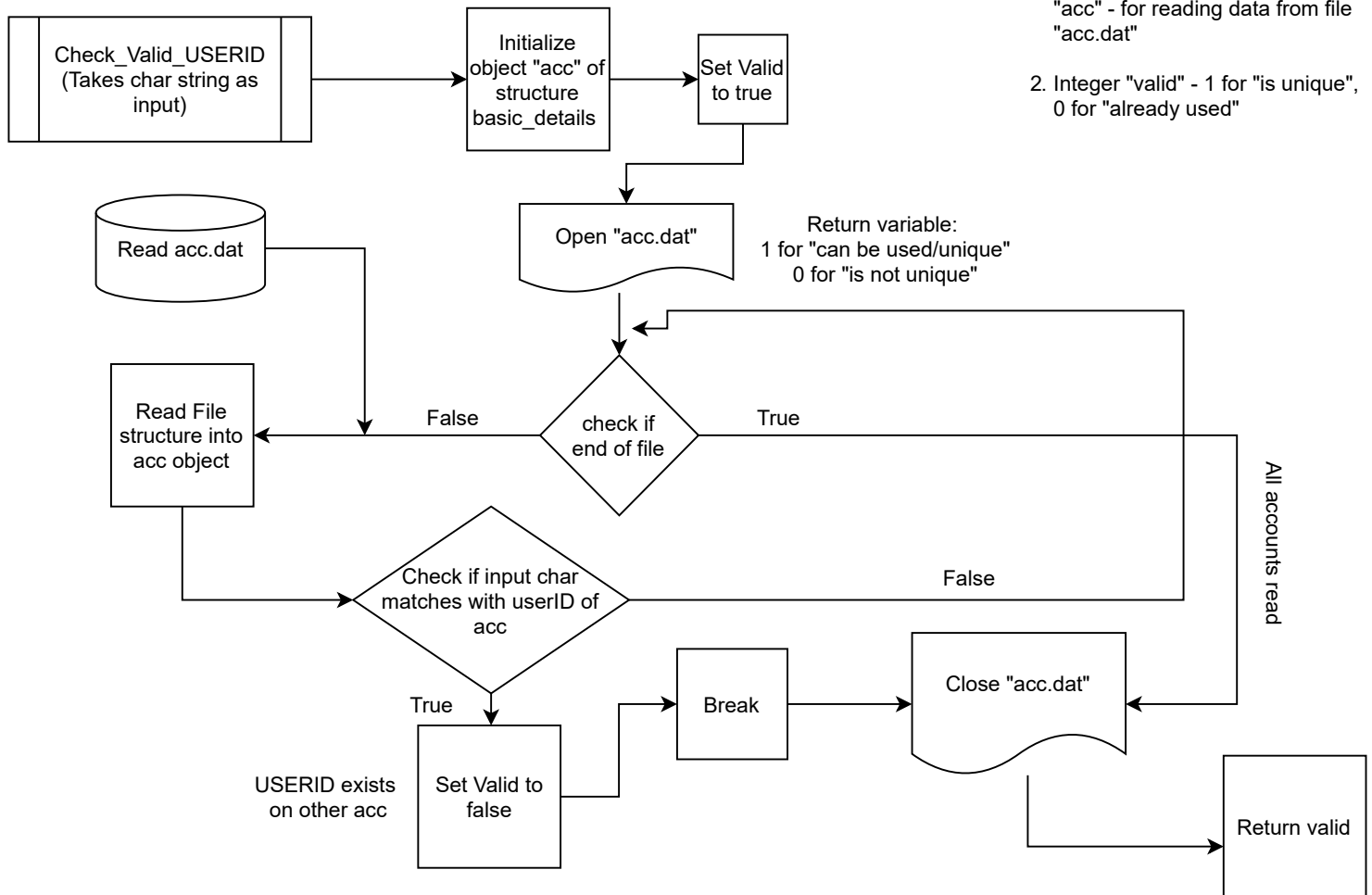


check_valid_userID

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

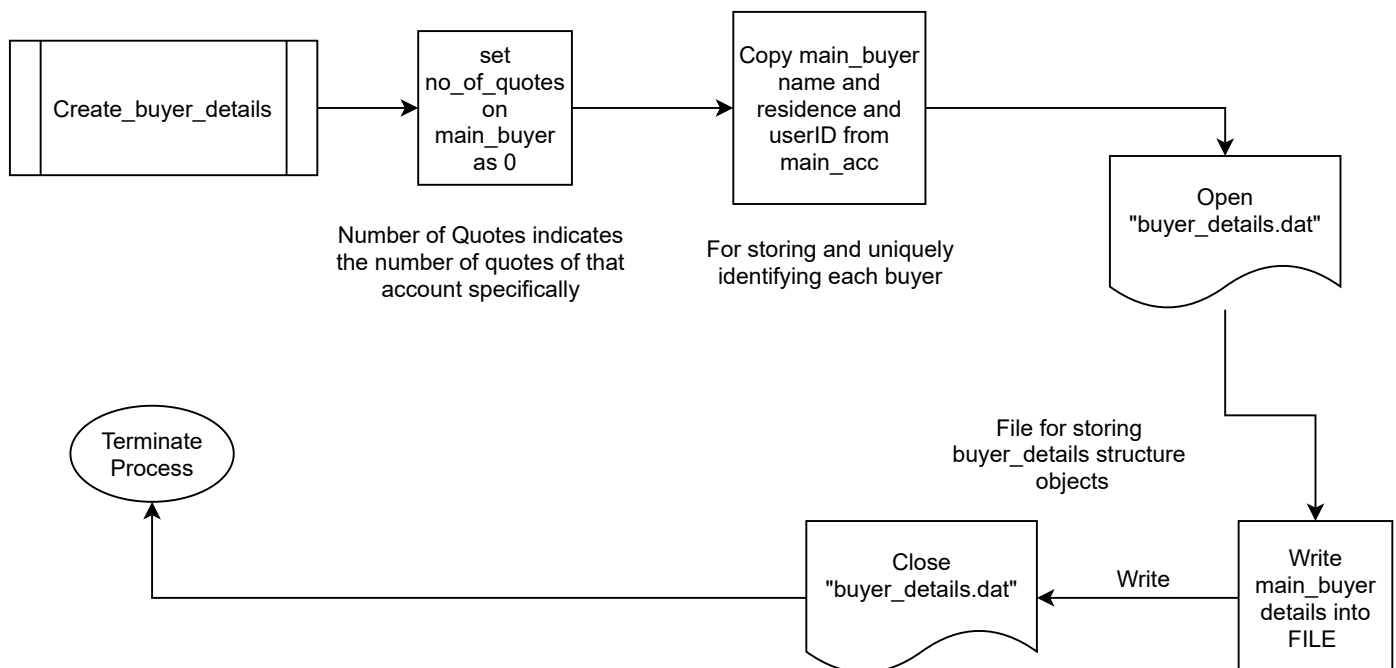
Variables used

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.



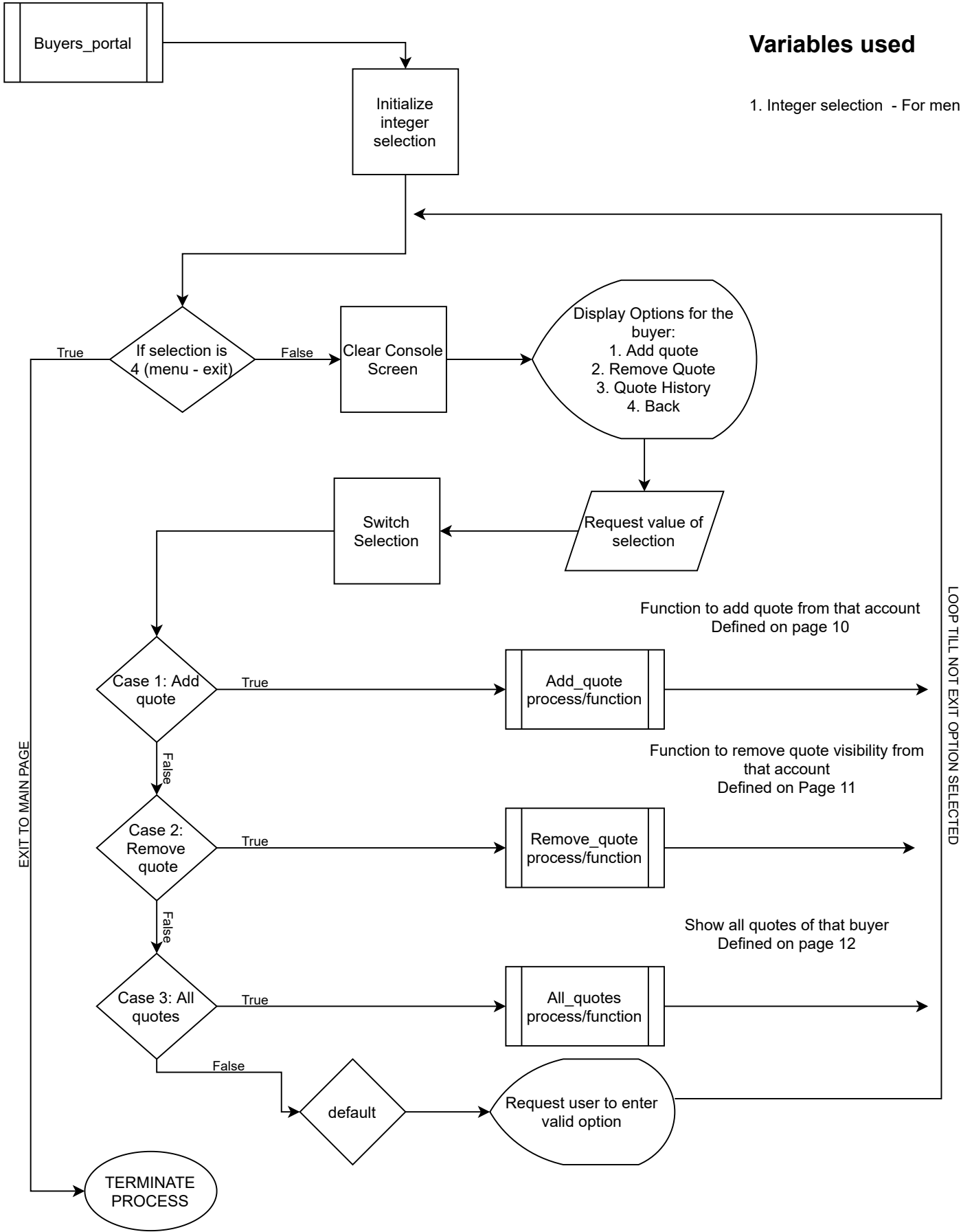
Buyer Portal

Displays Options for user if Buyer

Buyer Portal

Variables used

1. Integer selection - For menu input



Add_quote()

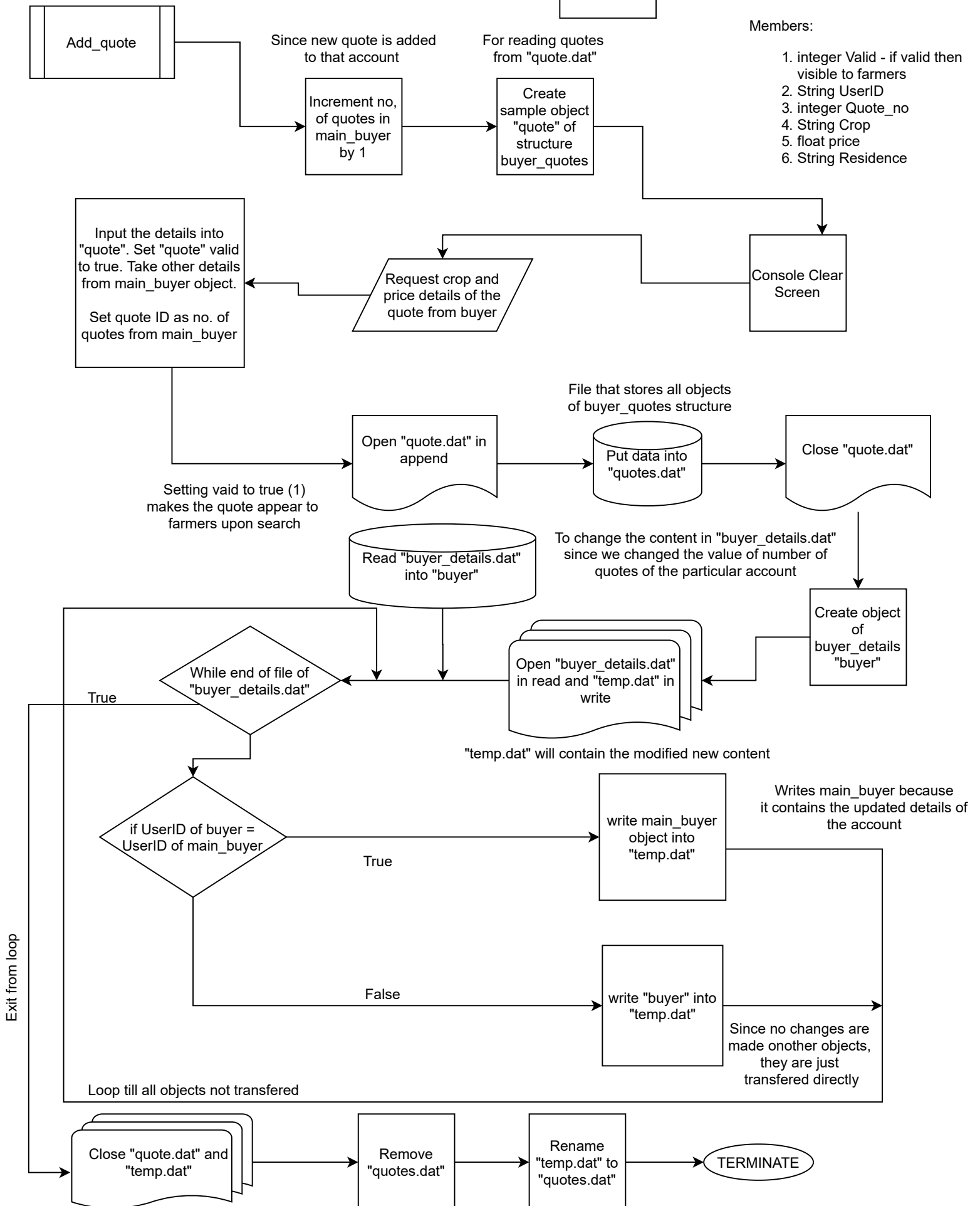
Add Quote entry to database

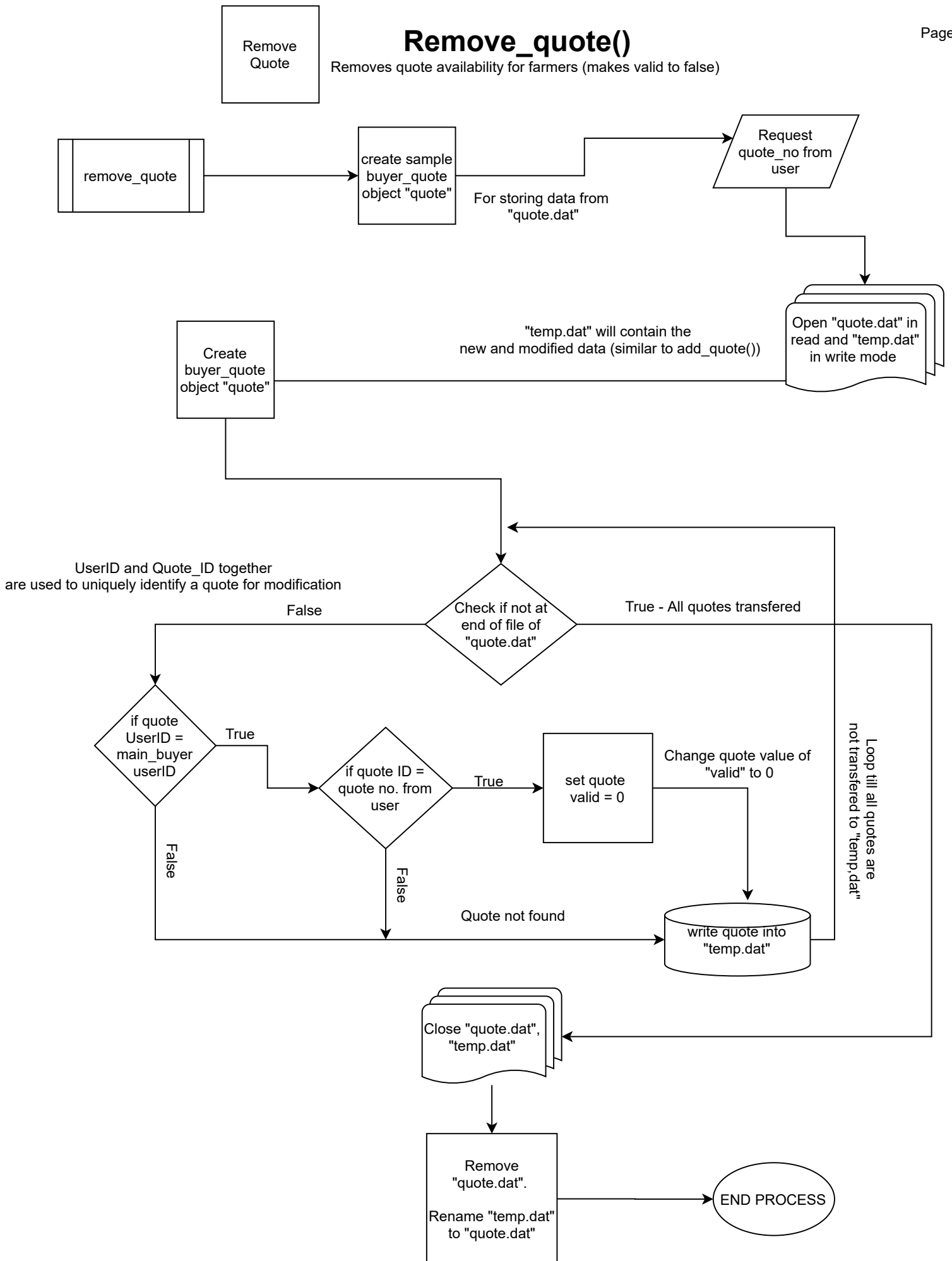
Add Quote

Structure buyer_quotes

Members:

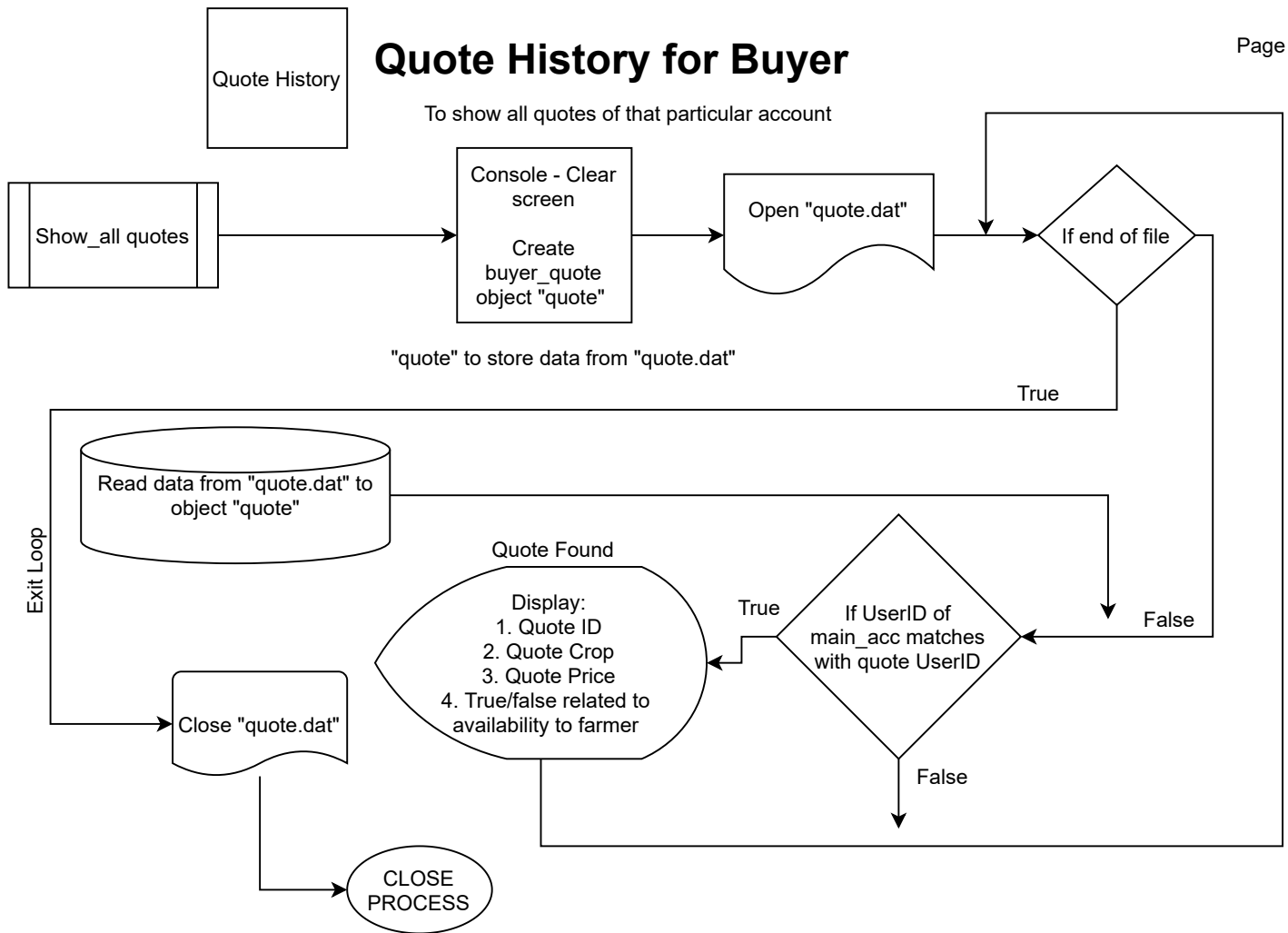
1. integer Valid - if valid then visible to farmers
2. String UserID
3. integer Quote_no
4. String Crop
5. float price
6. String Residence





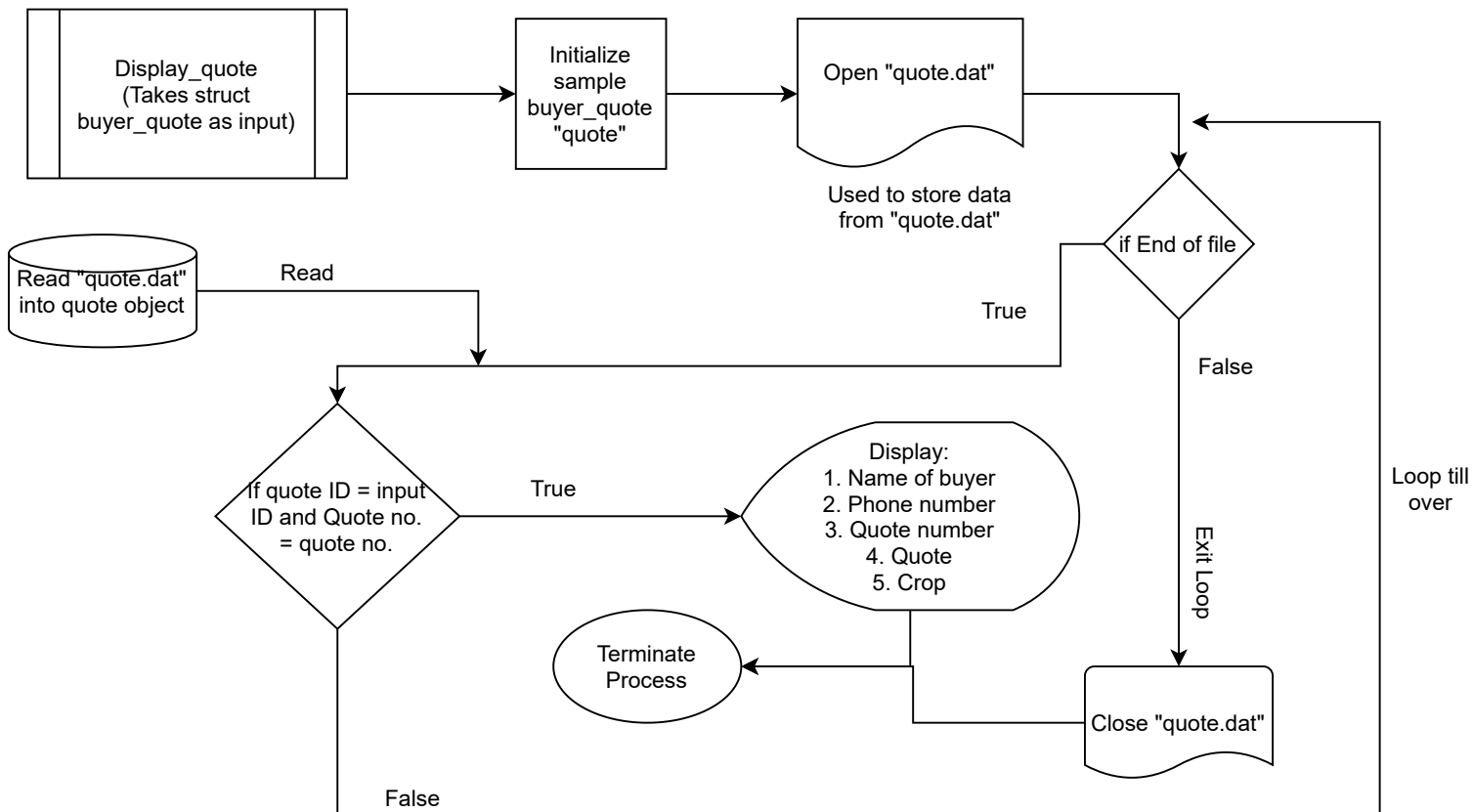
Quote History for Buyer

To show all quotes of that particular account



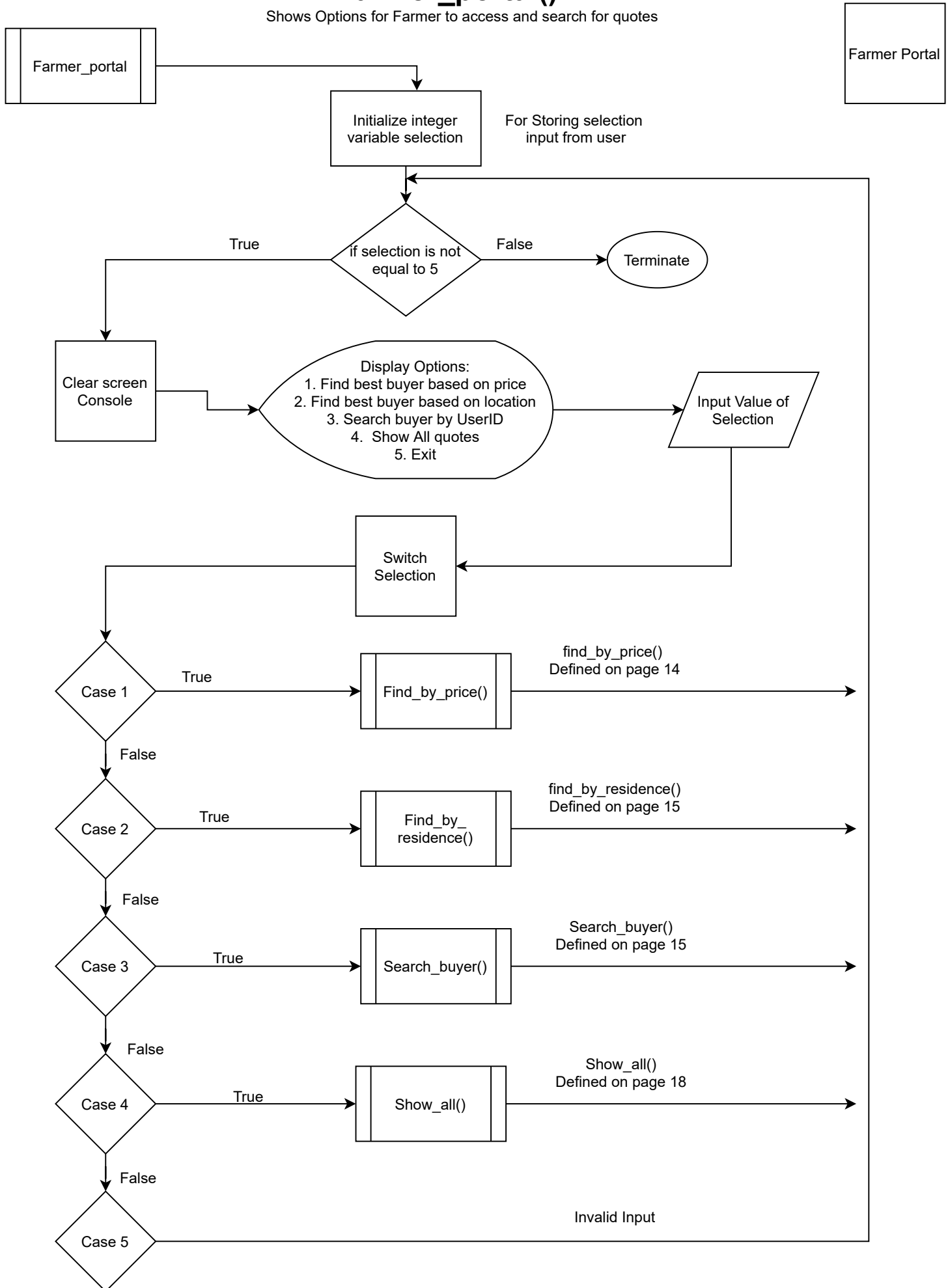
Display_quote()

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



Farmer_portal()

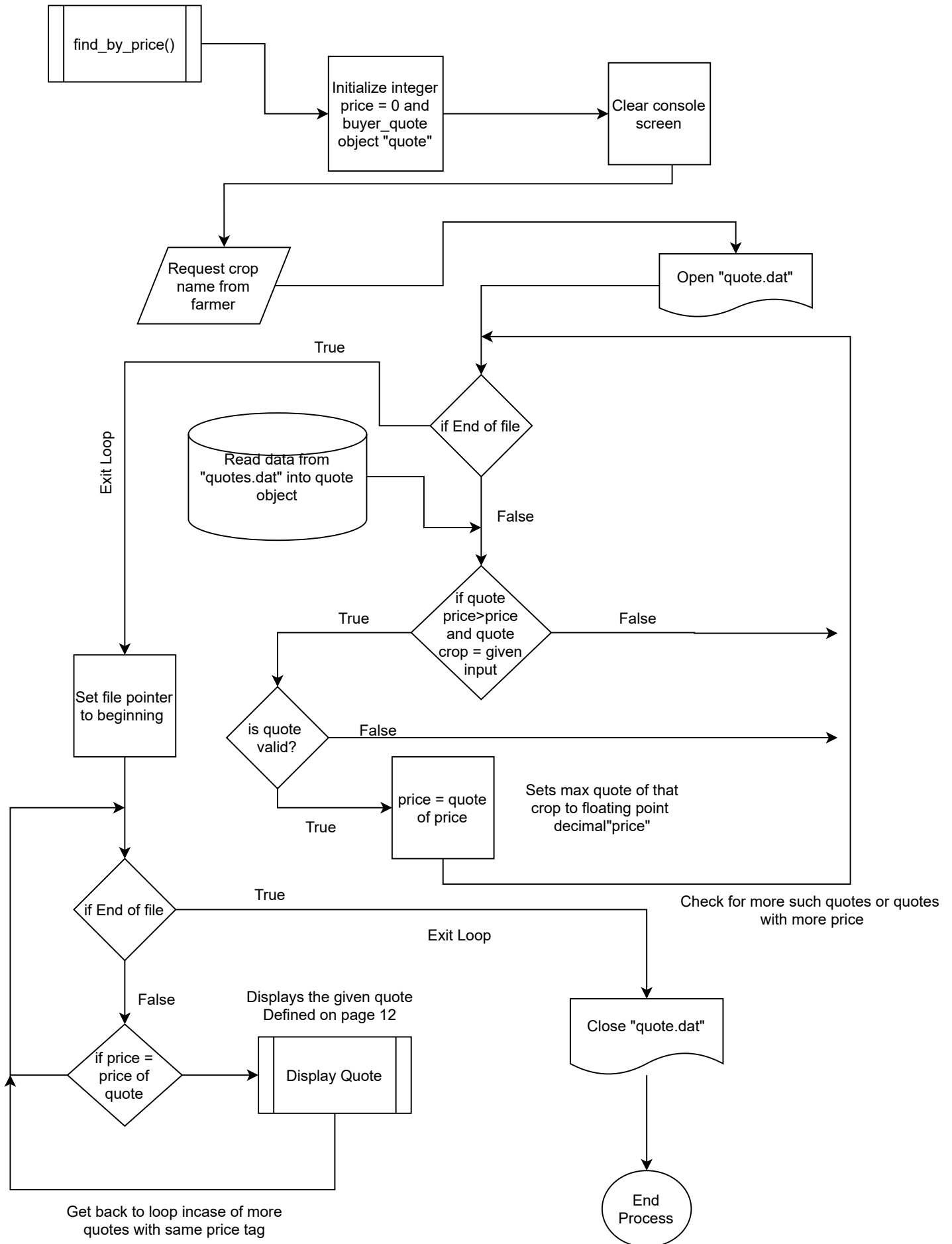
Shows Options for Farmer to access and search for quotes



Find_by_price

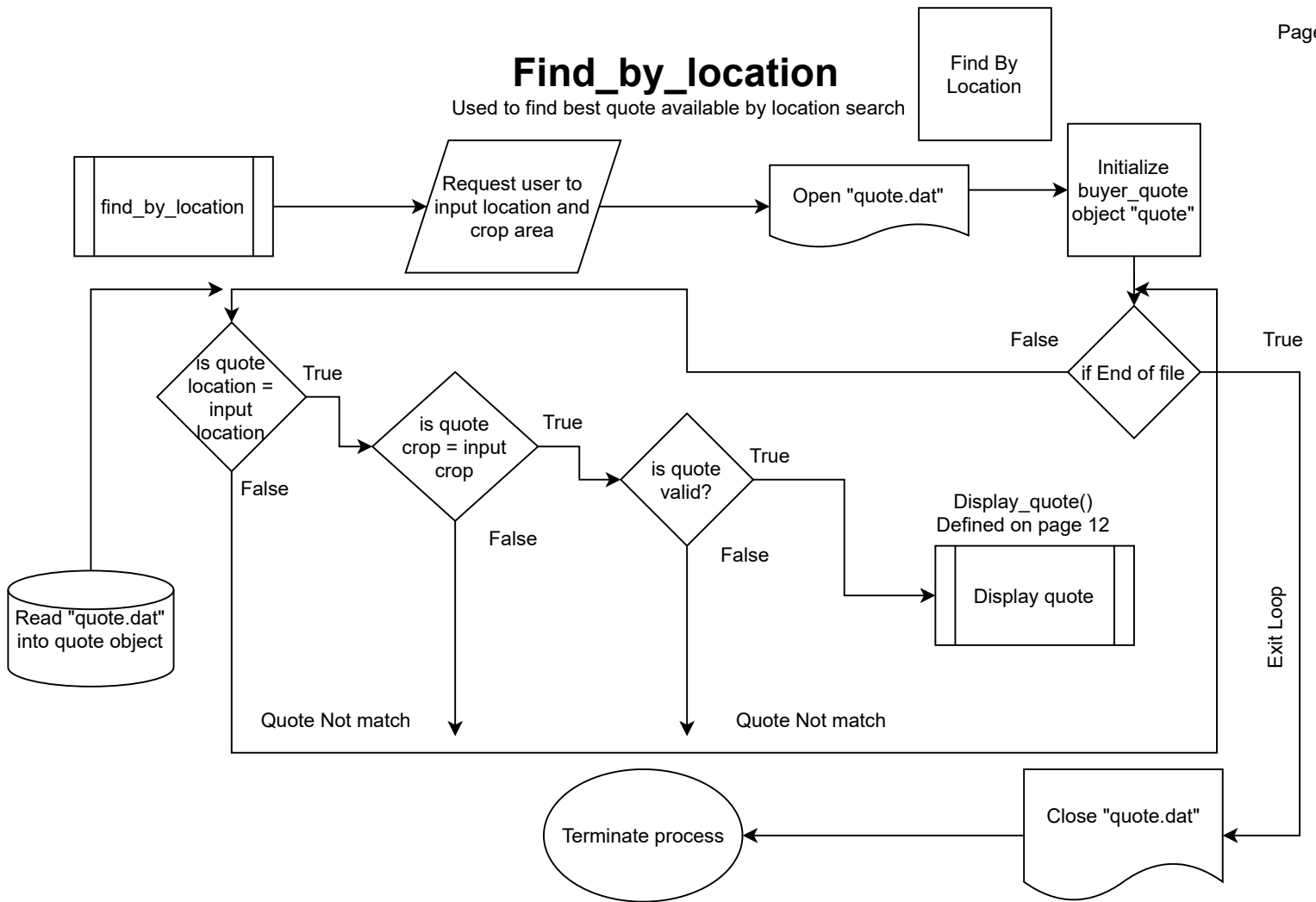
Finds best quote by price for a buyer depending on a given crop

Find by Price



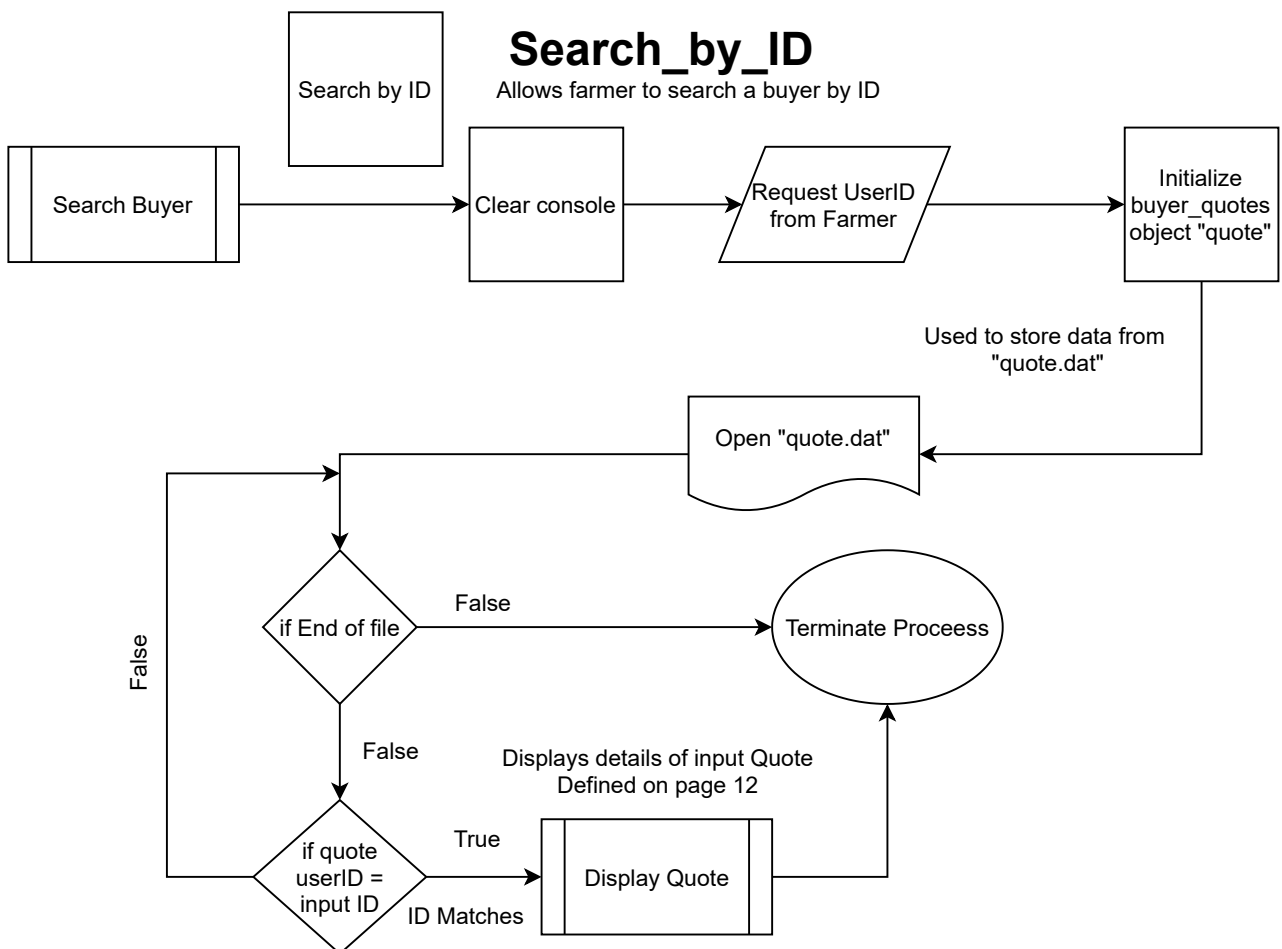
Find_by_location

Used to find best quote available by location search



Search_by_ID

Allows farmer to search a buyer by ID



Show_all_quote

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

Show All
Quotes

