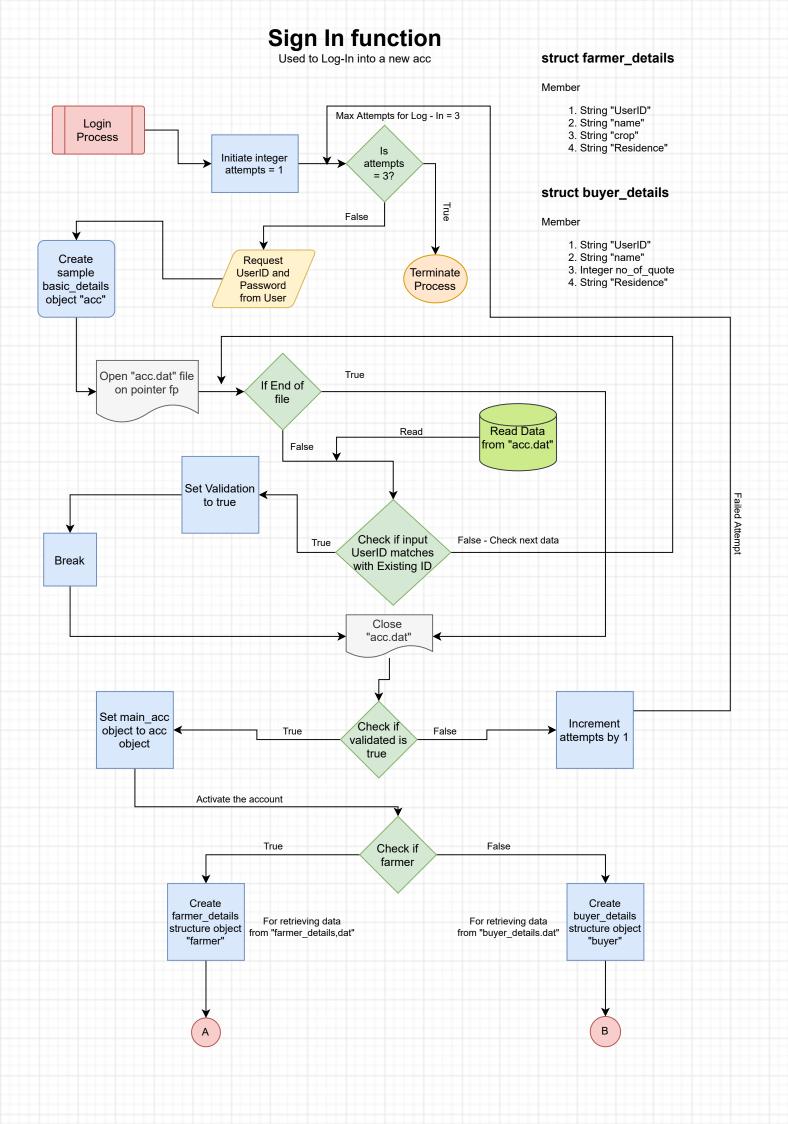
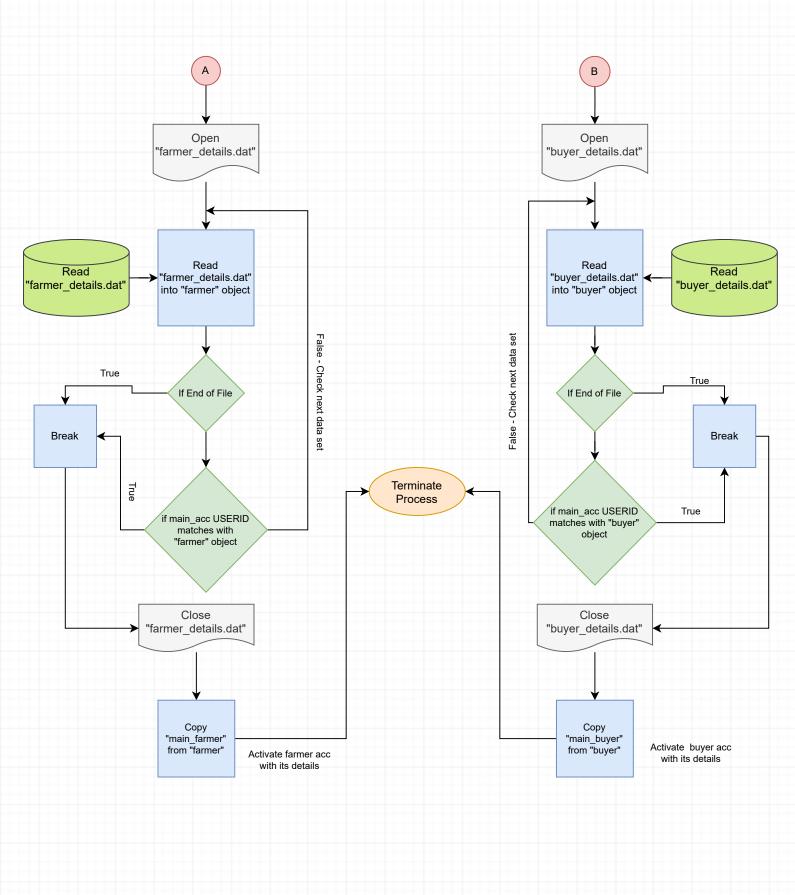


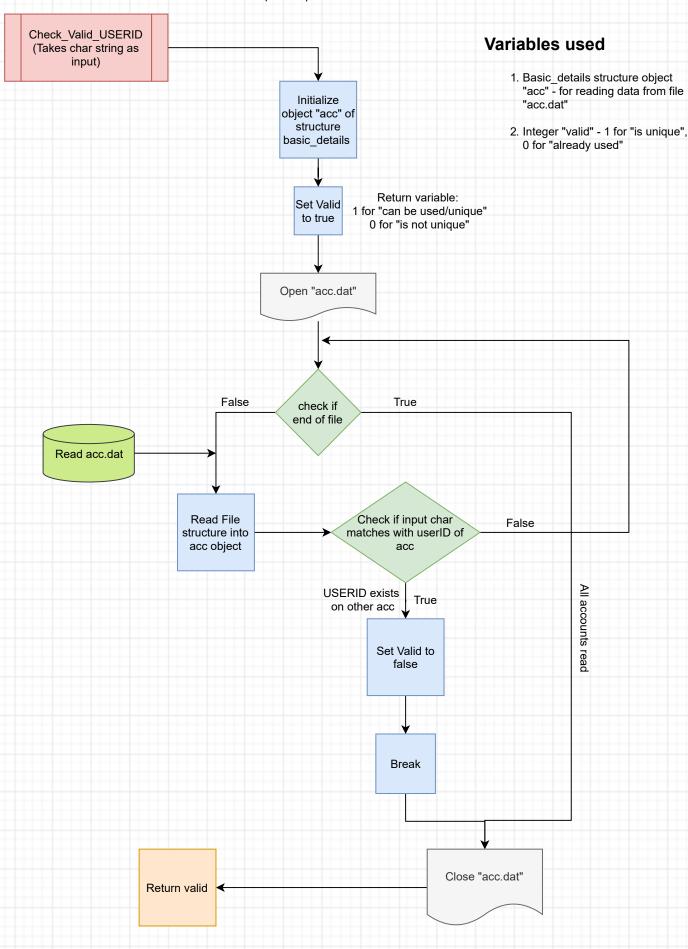
#### SIGN UP FUNCTION Used to Add a new account to the database Variables used: Sign Up Action 1. Structure basic details object - acc 2. int selection (for farmer/buyer) 3. char input1 (for USERID check) Request main details object Initialize sample variables from user: main\_details 1. Name structure object 2. Phone number "acc" False 3. Area of residence **USERID** Exists All details are stored inside "acc" and are then put into "main acc" and file "acc.dat" store UserID and Request USERID password in "acc" for account object check\_user\_ID takes input userID as input and returns 1 and 0 depending of weather it can be used or not resp. Request Selection: **CHECK** Farmer or buyer **REQUEST** True **USERID EXISTS** (0 for Farmer, 1 for Buyer) **PASSWORD** Can be used **PROCESS** Check user function() Defined on page 5 Switch Selection False Case: Farmer Case: Buyer True True Setting new Acc to active ID Create - buyer create farmer details function() Create - farmer details action Defined on page 7 details action Copy "acc" into "main\_acc" create\_buyer\_details function() Defined on page 6 Write into File acc.dat "acc.dat" stores Write "acc" Open "acc.dat" basic details structure object into objects "acc.dat" Close "acc.dat" Close Function



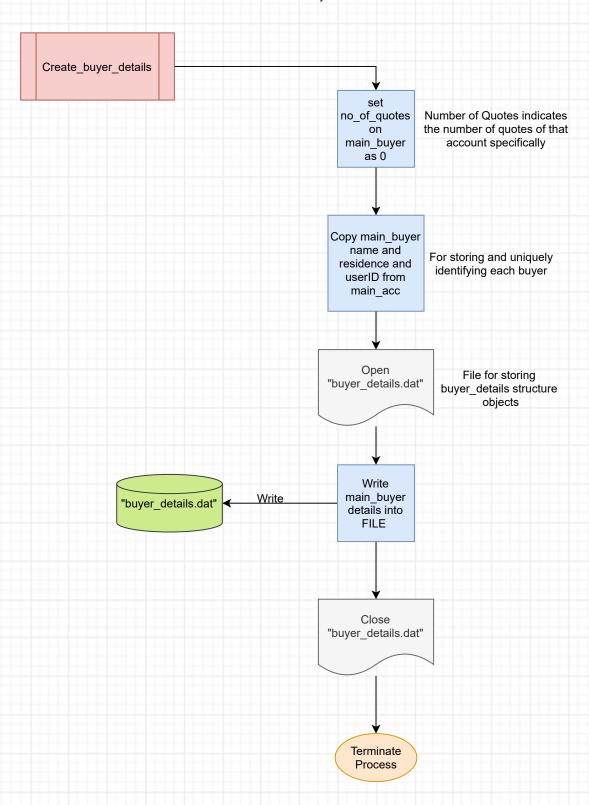


### check\_valid\_userID

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

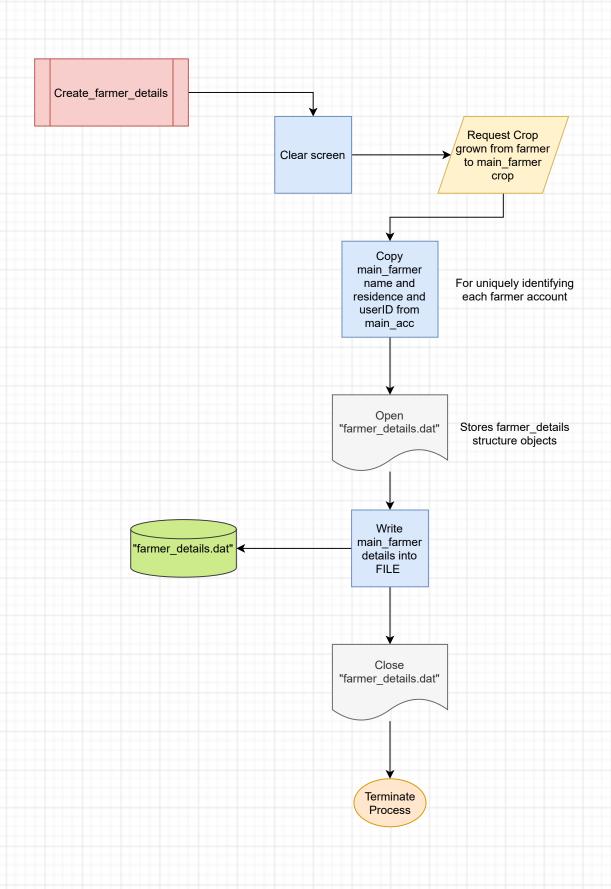


# create\_buyer\_details Creates new buyer account and makes it active.



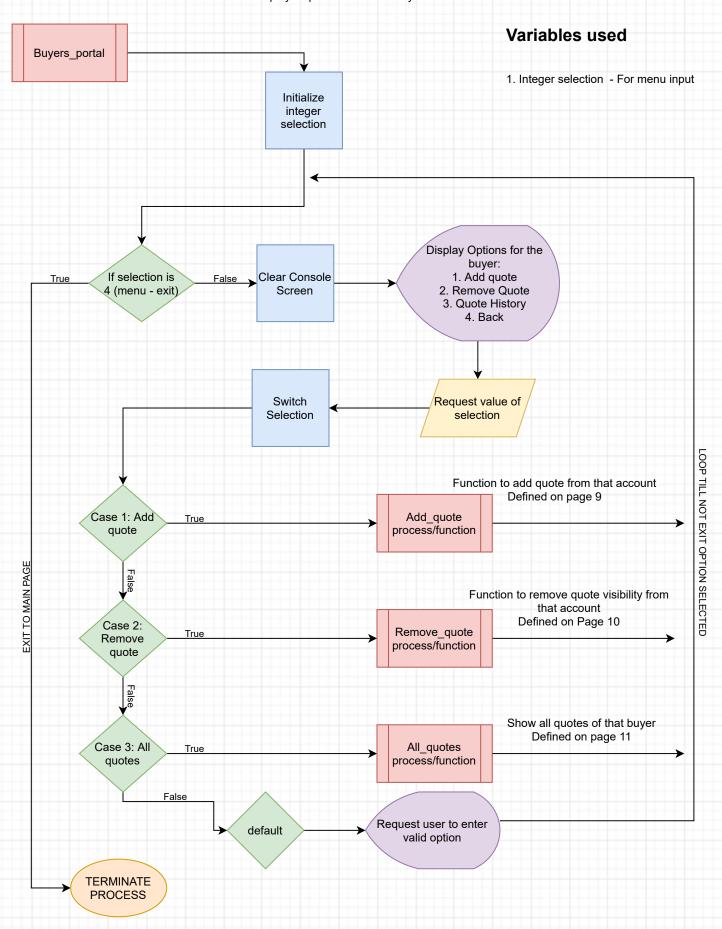
# Create\_farmer\_details

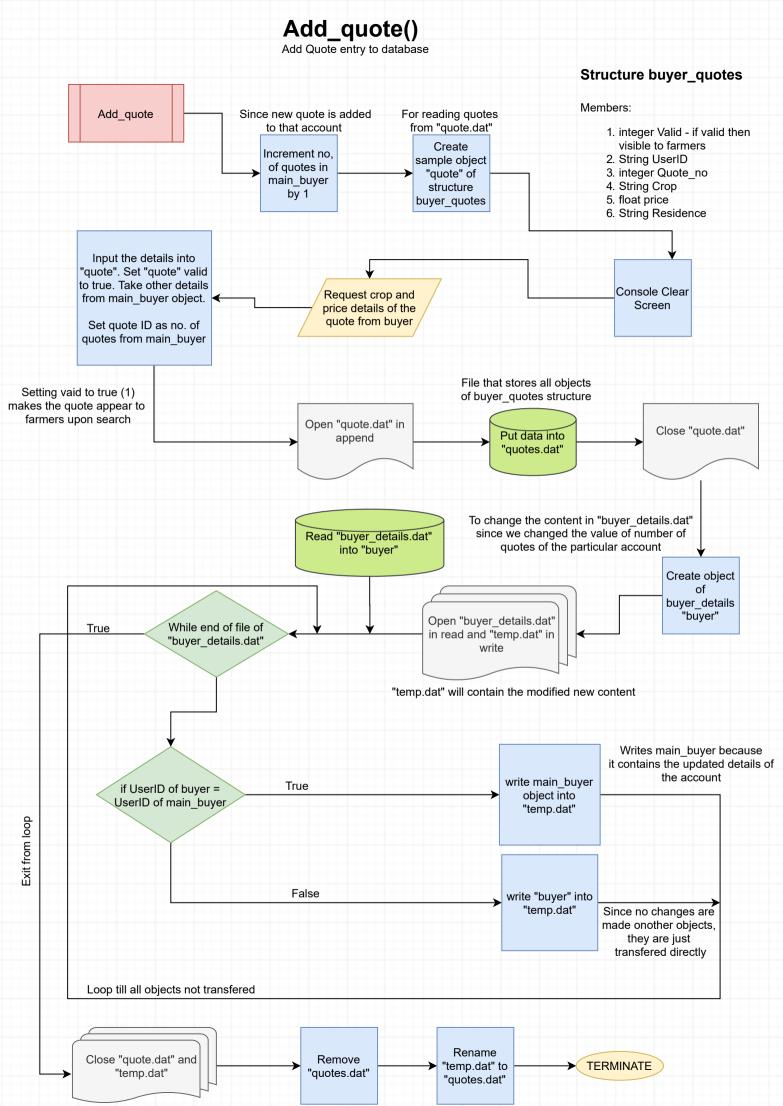
Creates farmer details entry in file and sets to active account

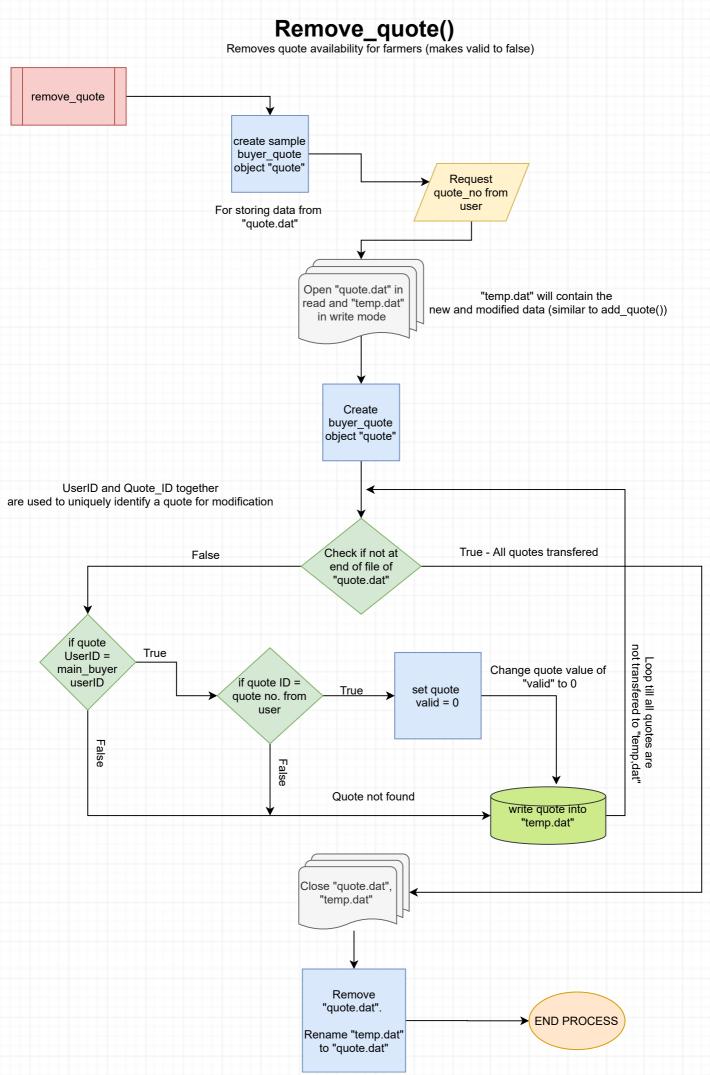


## **Buyer Portal**

Displays Options for user if Buyer

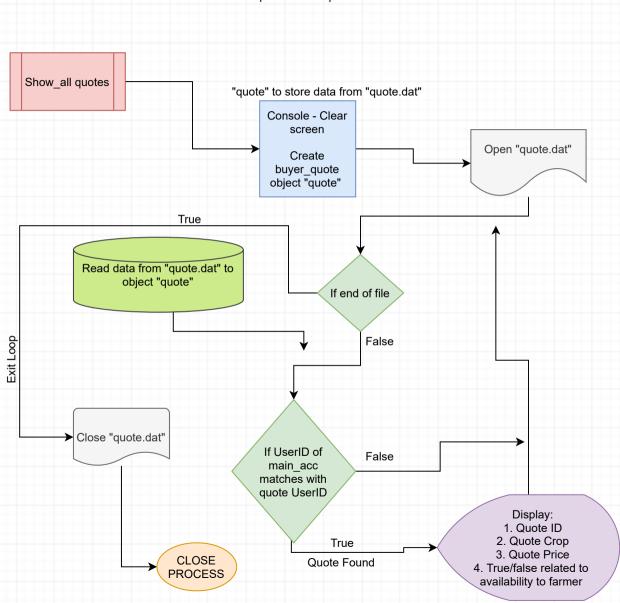


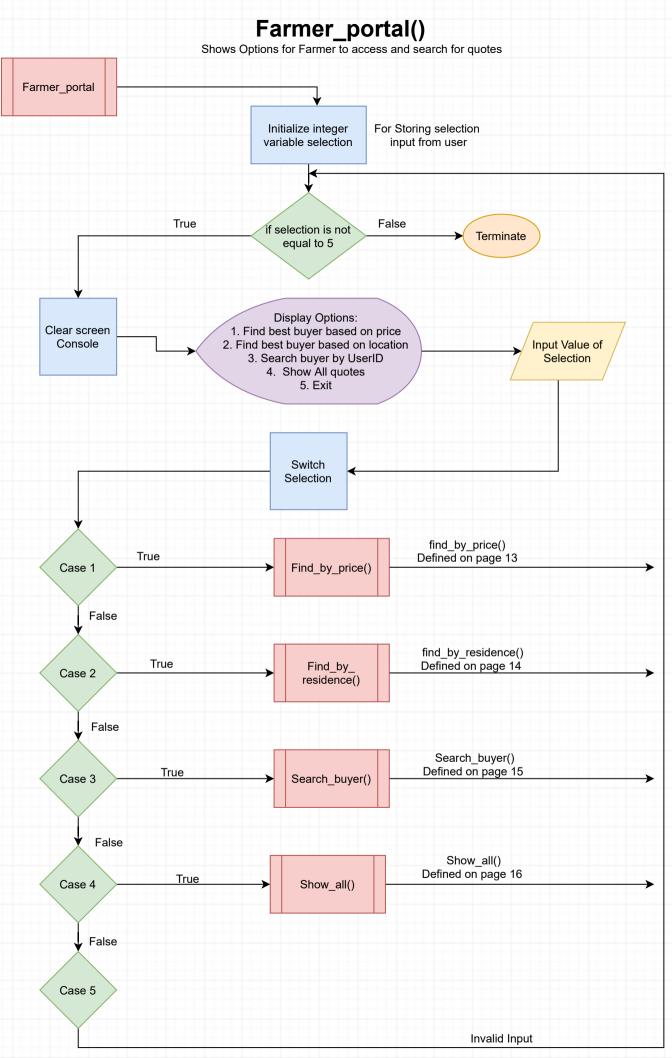




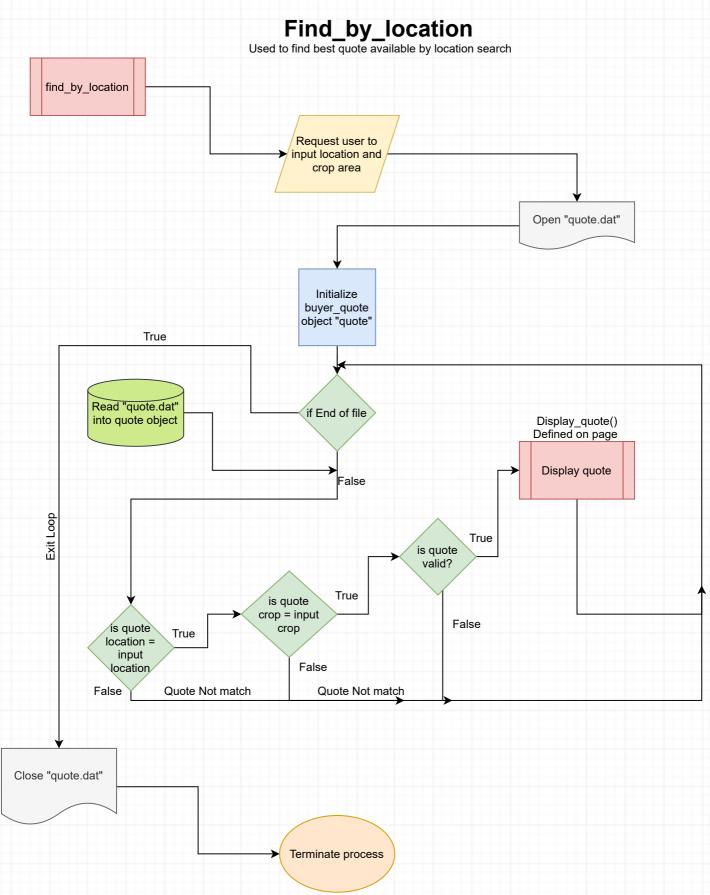
#### Show\_all\_quotes

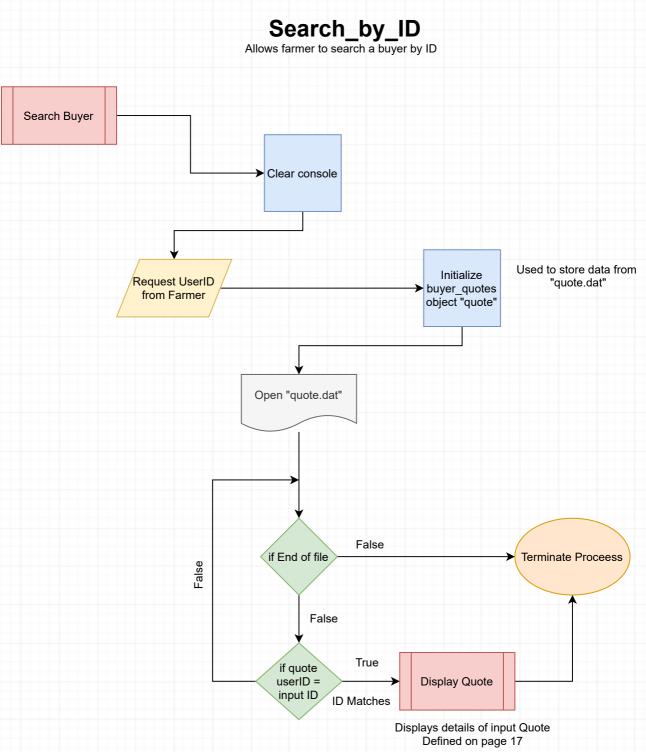
To show all quotes of that particular account





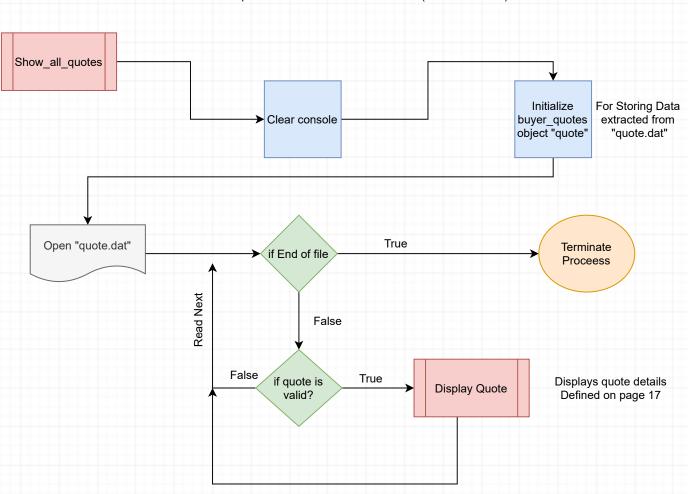
Find\_by\_price Finds best quote by price for a buyer depending on a given crop find\_by\_price() Initialize integer price = 0 and Clear console buyer\_quote screen object "quote" Request crop Open "quote.dat" name from farmer True if End of file Read data from "quotes.dat" into quote object False if quote price>price True False and quote crop = given input Set file pointer to beginning is quote False valid? Sets max quote of that price = quote crop to floating point of price decimal"price" True True Check for more such quotes or quotes if End of file with more price Exit Loop Displays the given quote False Defined on page 17 Close "quote.dat" if price = price of Display Quote quote Get back to loop incase of more quotes with same price tag End **Process** 





#### 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

