

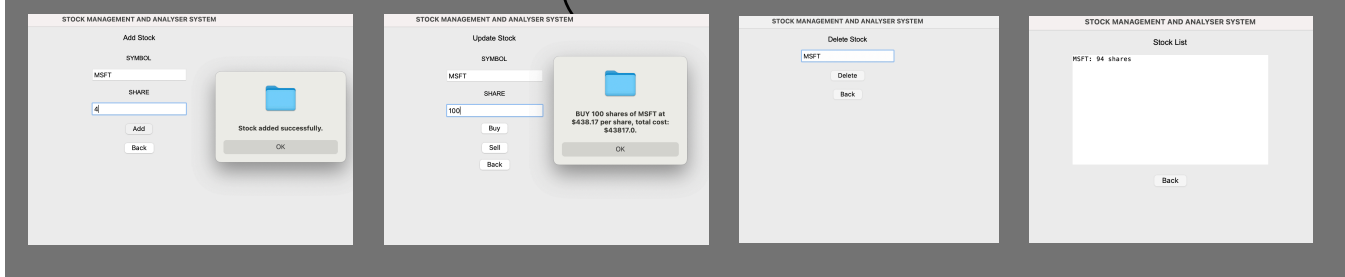
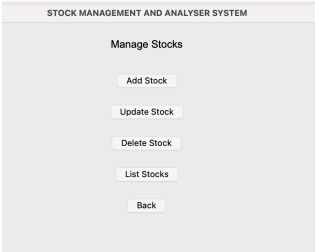
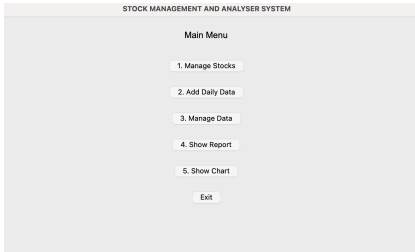
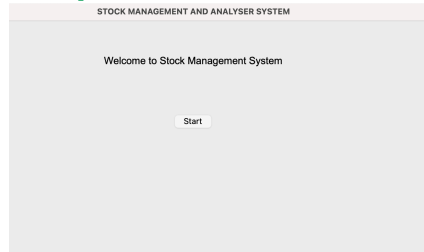
# STOCKMANAGEMENT AND ANALYSER APP

## IMPLEMENTED SCREENSHOTS

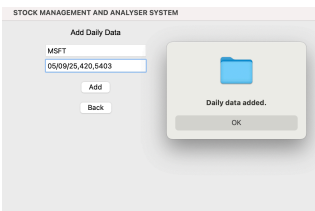
### CONSOLE IMPLEMENTATION OF MANAGING STOCKS

```
(base) savitha@Savithas-MacBook-Air Lab2 % cd /Users/savitha/Pyhton-and-Data_Structure/tree/main/Lab2 &&
Structure/Lab2/stock_console.py
===== Stock Analysis Console =====
1 - Manage Stocks
2 - Add Daily Stock Data (Manual)
3 - Show Report
4 - Show Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit
Enter option: 1
----- Manage Stocks -----
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Back
Enter option: 1
Enter stock symbol: MSFT
Enter number of shares: 32
----- Manage Stocks -----
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Back
Enter option: 2
Enter stock symbol: MSFT
Enter new number of shares: 124
----- Manage Stocks -----
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Back
Enter option: 3
Enter stock symbol to delete: MSFT
----- Manage Stocks -----
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Back
Enter option: 0
===== Stock Analysis Console =====
1 - Manage Stocks
2 - Add Daily Stock Data (Manual)
3 - Show Report
4 - Show Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit
Enter option: []
```

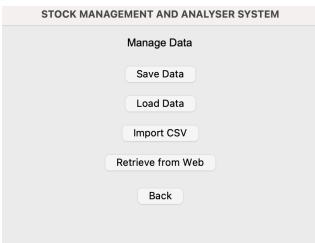
GITHUB LINK FOR CODE AND FILES : [https://github.com/IamSavitha/Python-and-Data\\_Structure/tree/main/Lab2](https://github.com/IamSavitha/Python-and-Data_Structure/tree/main/Lab2)  
CODE FOR GUI : STOCK\_GUI.PY  
CODE FOR DATA : STOCK\_DATA.PY  
CODE FOR CONSOLE : STOCK\_CONSOLE.PY  
SCREENSHOTS : LAB2\_STOCK\_APP\_SCREENSHOT.PDF  
RUN STOCK\_GUI.PY screen LEVEL 1



API REQUEST  
Fetch the price of the sell/buy and then save

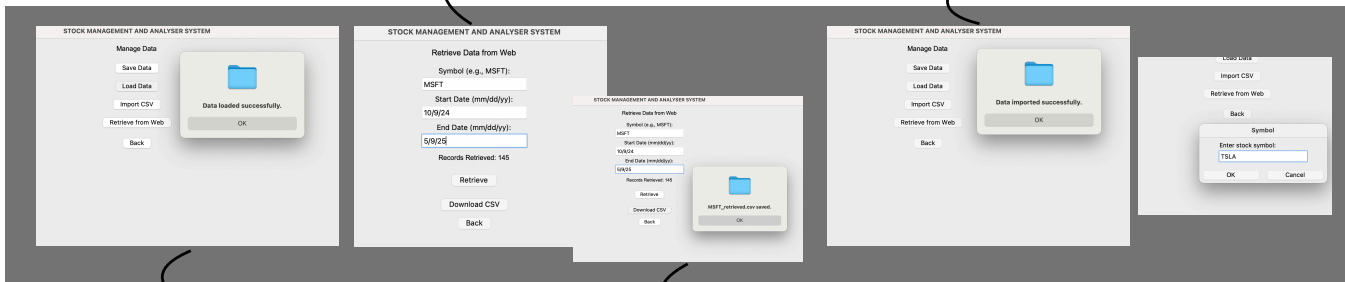


ADDING DATA MANUALLY, FORMAT SHOULD BE MM/DD/YY,PRICE,VOLUME



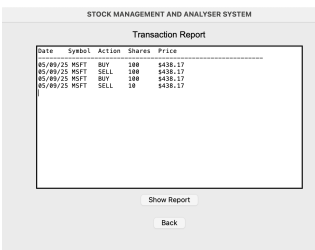
SCRAPING FROM YFINANCE USING BEAUTIFULSOUP AND SELENIUM

IMPORT DATA FROM .CSV FILE , PROVIDING THE SYMBOL AND MAKE SURE THE FILE HAS THE SYMBOL COLUMN



SAVE YOUR DATA TO DATABASE

DOWNLOAD THE RETRIEVED DATA IF NEEDED IN .CSV FILE



REPORT GENERATED FOR TRANSACTION MADE , PRICE FETCHED FROM API ACCORDINGLY

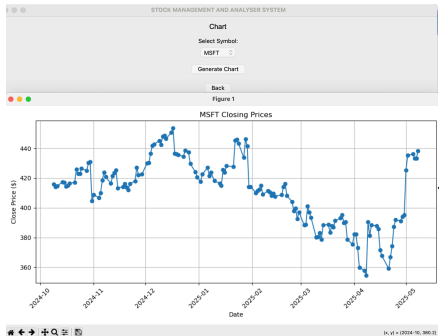
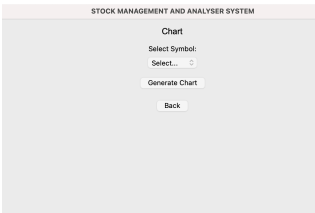


CHART GENERATED FOR SCRAPED DATA OF THE SPECIFIC SYMBOL, RETRIEVE BEFORE GENERATING CHART

```
EXPLORER  stock_gui.py  db_check.py  STOCK_MANAGEMENT_APP_LAYOUT
OPEN EDITORS
stock_gui.py
db_check.py
STOCK_MANAGEMENT_APP_LAYOUT
SJSU_Lab2_Stock...
__pycache__
chromedriver
db_check.py
MSFT_retrieved.csv
SJSU_Lab2_Stock...
stock_console.py
stock_data.py
stock_gui.py
STOCK_MANAGEMENT_APP_LAYOUT
stocks_db.pkl
6-data_Structure/Lab2/db_check.py
TSLA_retrieved.csv
OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  QUERY RESULTS (PREVIEW)  QUIT
(base) savitha@Savithas-MacBook-Air Lab2 % cd /Users/savitha/Pyhton-and-Data_Structure/tree/main/Lab2 &&
/opt/anaconda3/bin/python /Users/savitha/Pyhton-and-Data_Structure/tree/main/Lab2/stock_console.py
===== Stock Analysis Console =====
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4 - Show Chart
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Enter option: 1
----- Manage Stocks -----
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Back
Enter option: 1
Enter stock symbol: MSFT
Enter number of shares: 32
----- Manage Stocks -----
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Back
Enter option: 2
Enter stock symbol: MSFT
Enter new number of shares: 124
----- Manage Stocks -----
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Back
Enter option: 3
Enter stock symbol to delete: MSFT
----- Manage Stocks -----
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Back
Enter option: 0
===== Stock Analysis Console =====
1 - Manage Stocks
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4 - Show Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit
Enter option: []
```

DATABASE CHECK TO ENSURE ITS SAVING DATA