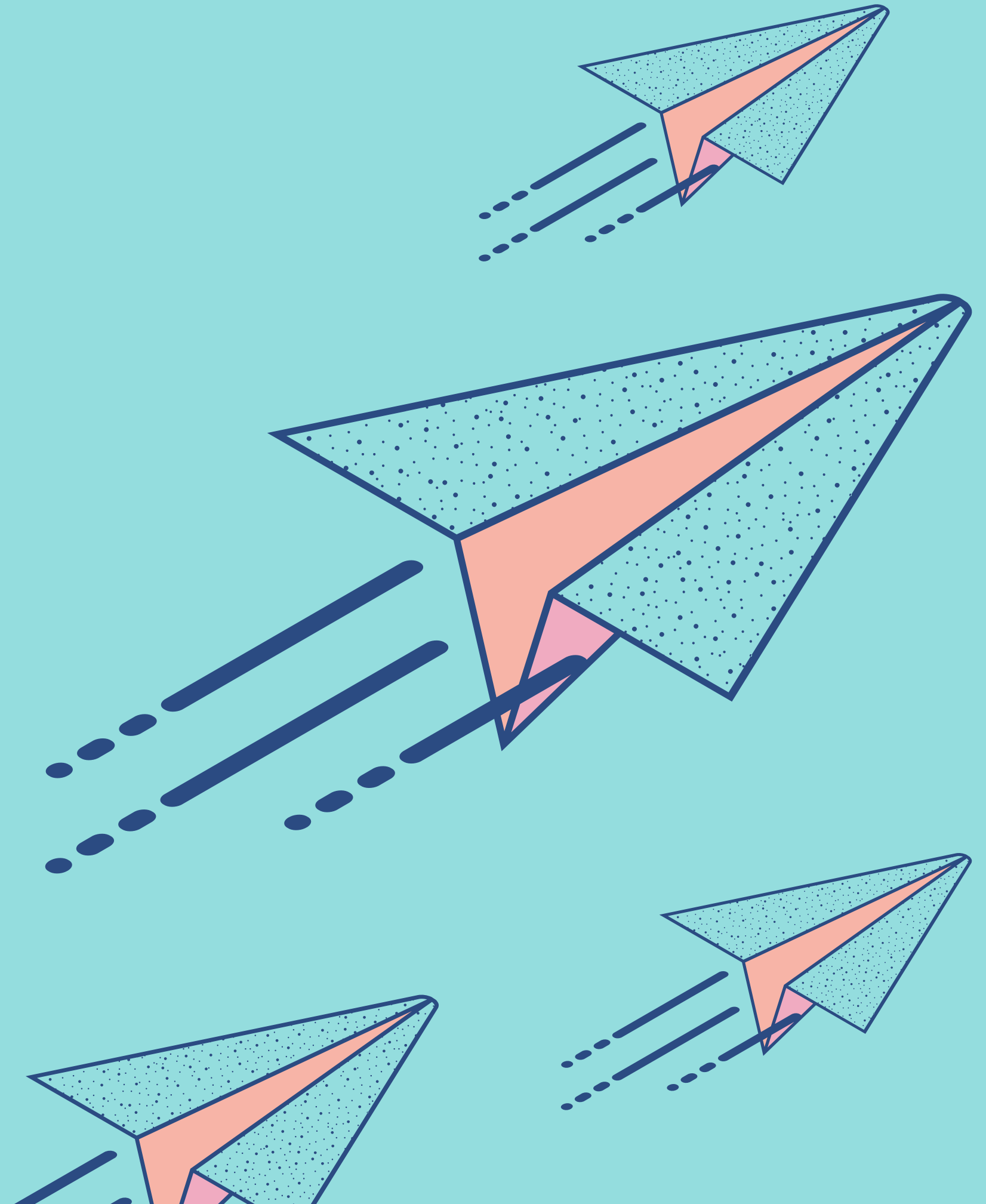




# Stock Market Simulator

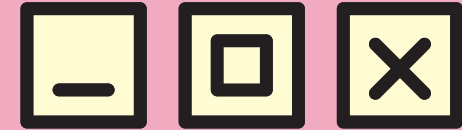
# Why did you choose this project?

What is it about?





# Program demonstration



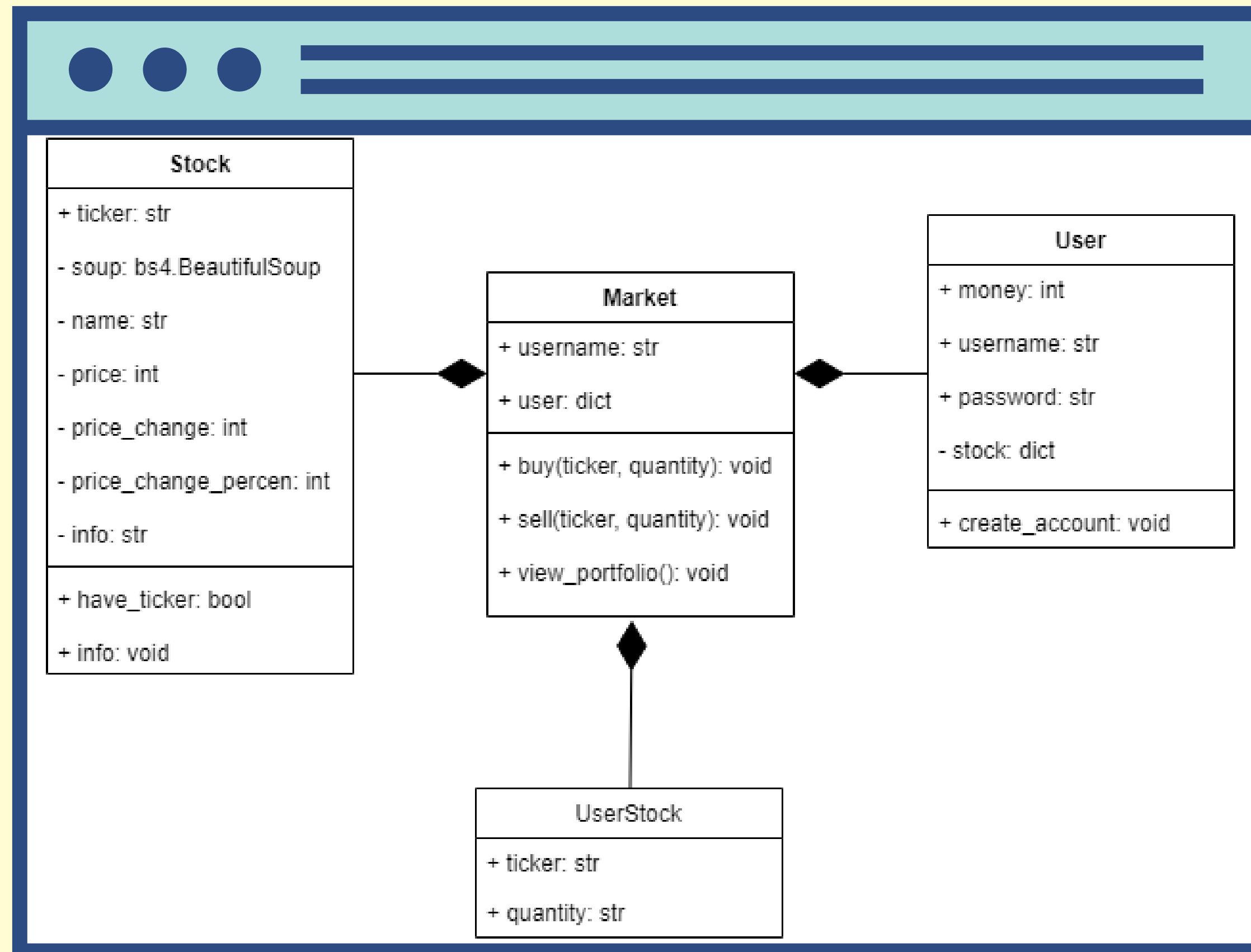
# Extra features

## Web scraping

- I use BeautifulSoup for web scraping from yahoo finance



# UML class diagram



# Program's Structure

1

## Main.py

the main program has the main menu and the login menu and communicate with the other classes and save Top30 trading stock in ticker.json

2

## User.py

the user class that store the user's information and create the user's data in user\_data.json.

3

## Stock.py

the stock class that store the stock's information and check the stock's symbol.

4

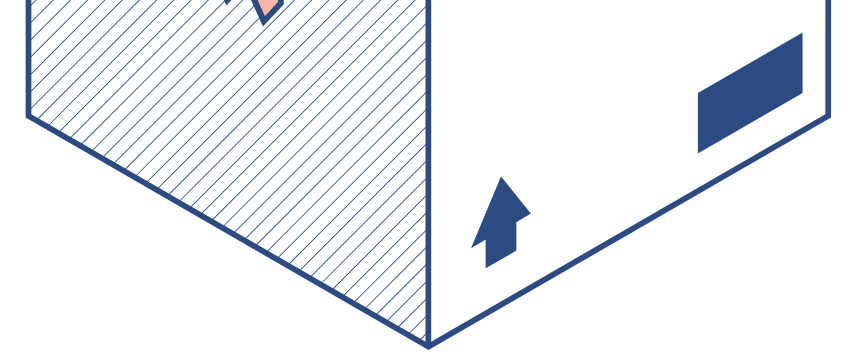
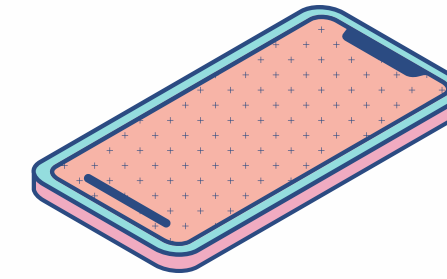
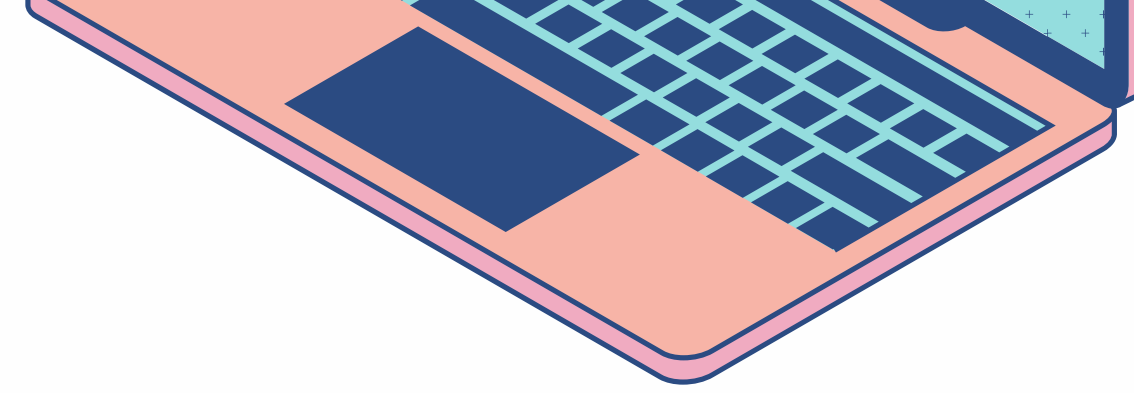
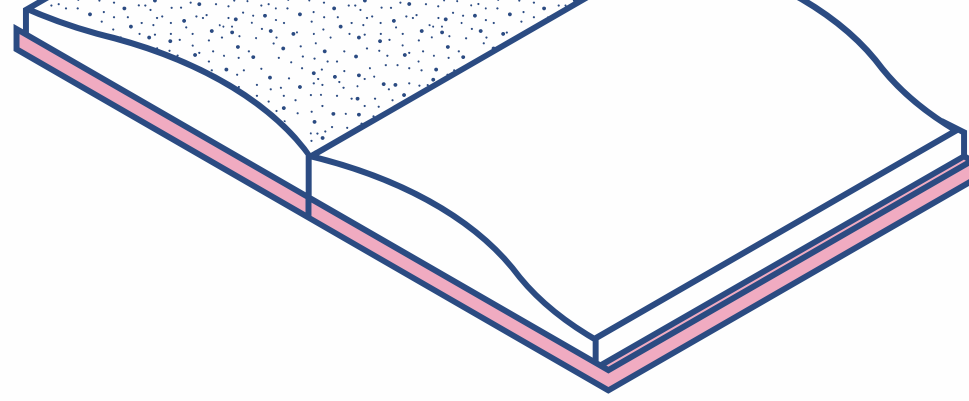
## Market.py

the market class that allow the user to buy and sell stocks and view the portfolio.

5

## Stock\_user.py

the user stock class that store the user's stock information



**Thank You**