



The Runner Trader By The Rowdy Triad

Javier Medina, Alejandro Hernandez, and Diego Leon

Do stocks scare you?

- Are you interested in the stock market?
- Too much to take in?
- You've no idea what you're doing?
- You're indecisive?
- Bad at monetary decisions?
- **Enter the Runner Trader!**
- Our platform provides simple, easy to follow information, palatable for the average person.

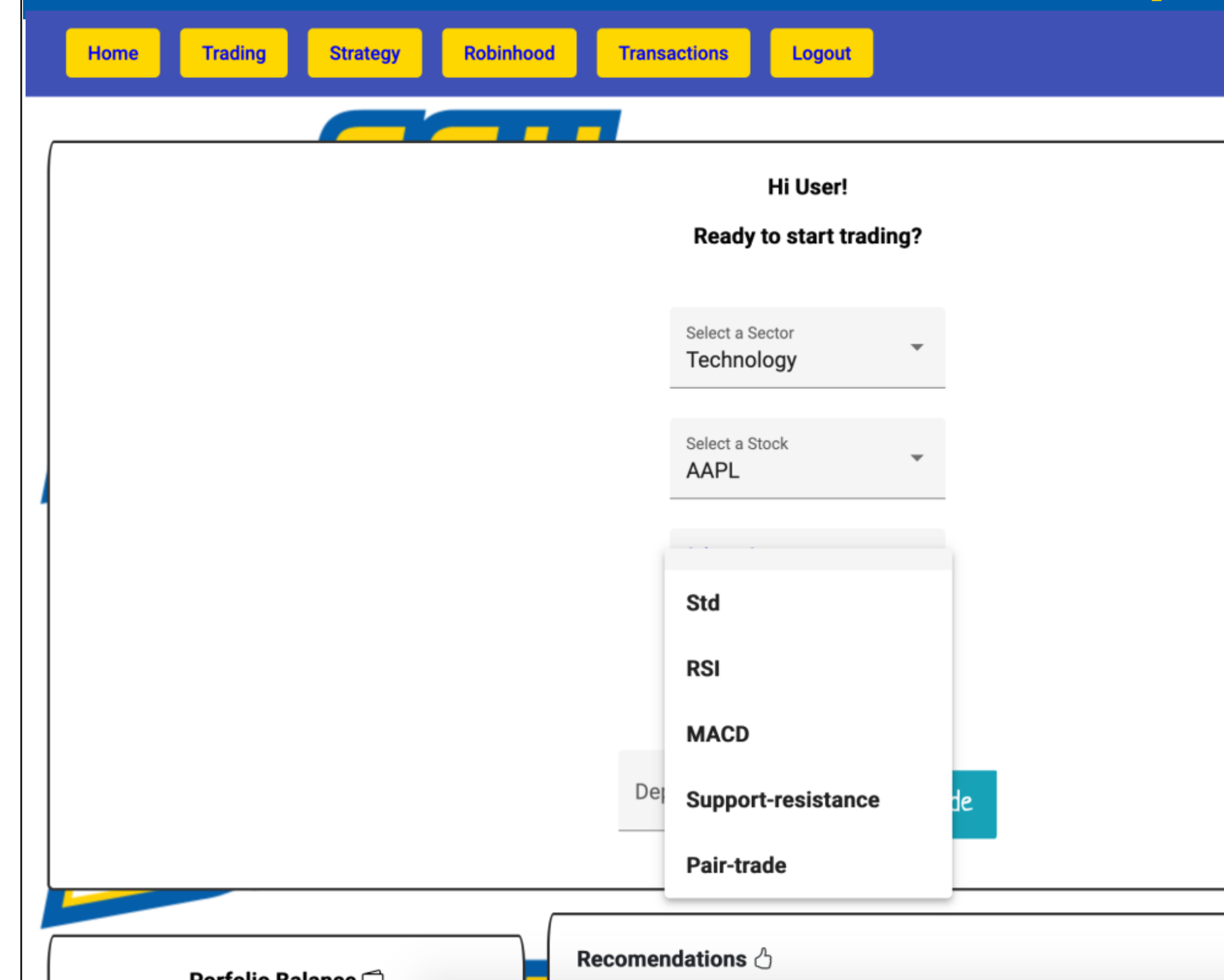
The Runner Trader

Nowadays, stock trading is easier than ever for the average person to get into. However, most people are hesitant to trade because of their lack of understanding of the market. Enter the Runner Trader! Our platform provides simple, easy to follow information, palatable for the average person. Just let our algorithmic application do the trading for you.

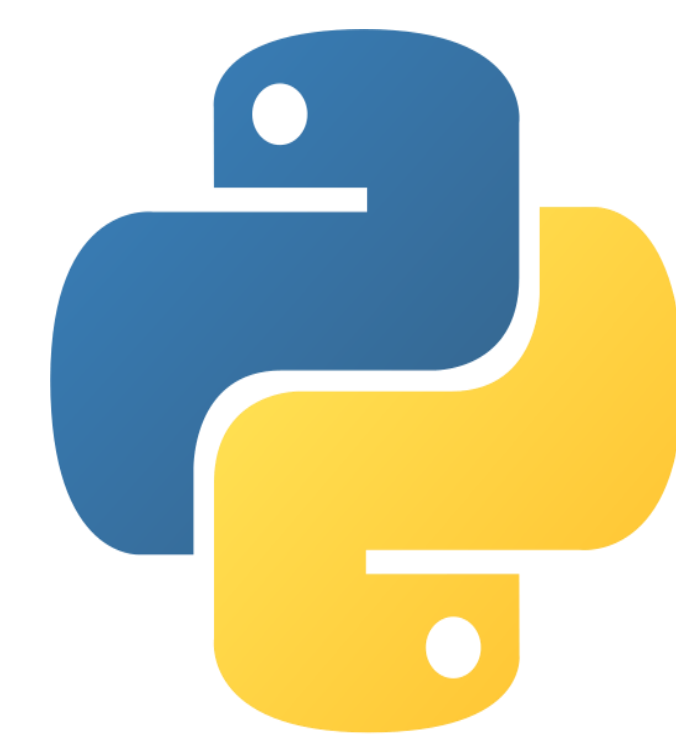
Project Features

- Gather analytical recommendations to make better decisions for stock trading
- Choose between strategies using technical indicators to apply to your series of stocks
- Use Algorithmic trading to take out emotional biases
- Apply strategy to historical data
- View user transaction history

Implementation



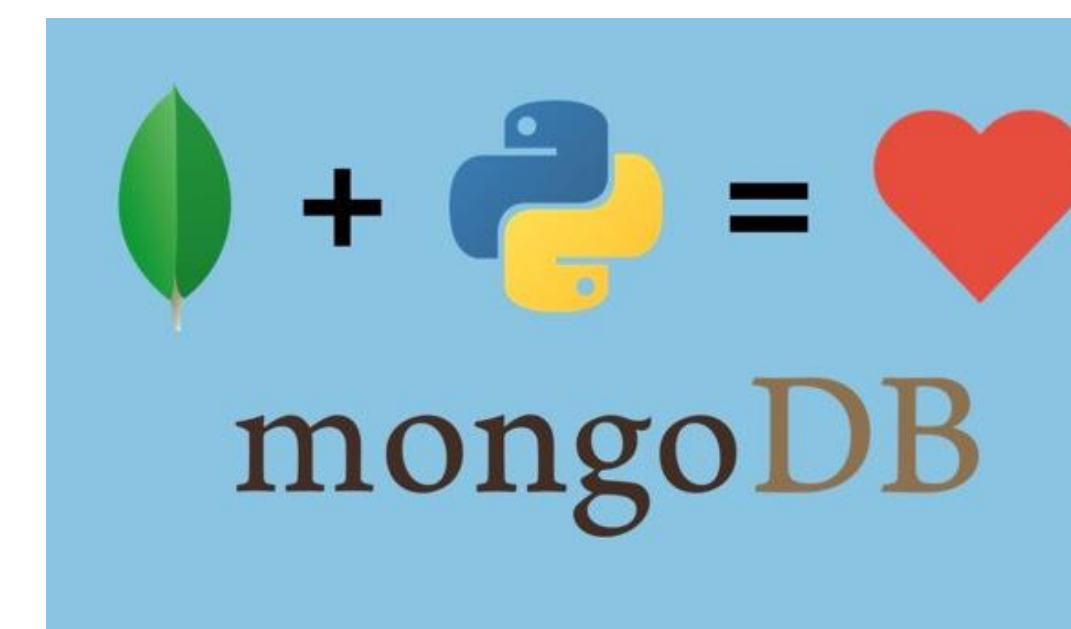
Provide user interface with MEAN stack. User sets Ticker and Strategy. Server initiates Python with given variables.



Python query stock market. Trades using Technical Analysis. Saves to Database

amzn	2021-03-27T01:27:33	buy	3127.030029296875	34	-106319.02099609375
amzn	2021-03-27T01:27:33	sold	3166.75	34	107669.5
amzn	2021-03-27T01:27:33	buy	3136.739990234375	34	-106649.15966796875
amzn	2021-03-27T01:27:33	sold	3095.199951171875	34	105236.79833984375
amzn	2021-03-27T01:27:33	buy	3127.889892578125	34	-106348.25634765625
amzn	2021-03-27T01:27:33	sold	3143.469970703125	34	106877.97900390625
Stock	Date	Transaction	Price	Amount	Total Price
TSLA	2021-04-22T20:06:23	buy	406.8999938964844	24	-9765.599853515625
TSLA	2021-04-22T20:06:23	sold	394	24	9456
TSLA	2021-04-22T20:06:23	buy	408.92999267578125	23	-9405.389831542969
TSLA	2021-04-22T20:06:23	sold	574.3699951171875	23	13210.509887695312
TSLA	2021-04-22T20:06:23	buy	779.0900268554688	17	-13244.530456542969
TSLA	2021-04-22T20:06:23	sold	780.9000244140625	17	13275.300415039062
TSLA	2021-04-22T20:06:23	buy	795	17	-13515
TSLA	2021-04-22T20:06:23	sold	762.6400146484375	17	12964.880249023438

View transaction history to view bot's trade history



Technology

- For this project, we used a MEAN stack to handle the front-end/back-end connection.
- Trading algorithm developed using Python.



Conclusion

Our Satisfaction

- We are happy to provide an easy-to-use platform for users to begin trading stocks
- Expose users to technical analysis, so they are familiar with trends that occur in the market.

Future Improvements

- Plot trade history against a market index
- In addition, we would like to give the user to trade with other brokerages that allow API based trading (Robinhood, Fidelity, etc)
- Add functionality to allow the user to trade Cryptocurrency.