

Iteration 1

Task Board Link for Iteration 1: <https://trello.com/b/J5WehrH2>

User Story 1: Completed in Iteration 1

As a trader I want a system that will allow me to place orders and automates the process of dividing the order into chunks to be sold over the course of the day so that I do not have to perform this task manually. The system should retry for failed trades and divide repeatedly failed trades into smaller chunks. I want to be able to view the progress of the order as it happens and the status of each trade.

Iteration 2

Task Board Link for Iteration 2: <https://trello.com/b/6olyGinw/task-board-2>

User Story 2: Pausing/Cancelling Orders

As a trader I want a system that will allow me to pause and cancel ongoing orders so that I can halt or terminate potentially erroneous orders. The system should allow me to resume paused orders and should ask for confirmation before canceling any order. Any child orders that successfully sold before the parent order was paused or canceled should remain on record.

User Story 3: Multiple Users

As a trading company I want a system that allows multiple traders to log into this system so that they can execute orders simultaneously. The system should only display orders that I have placed.

User Story 4: Dynamic Updates

As a trader, I want to be notified whenever an order fails or pauses so that I can immediately react to any changes in trading. The system should notify me automatically and display a visual indication when an order fails.

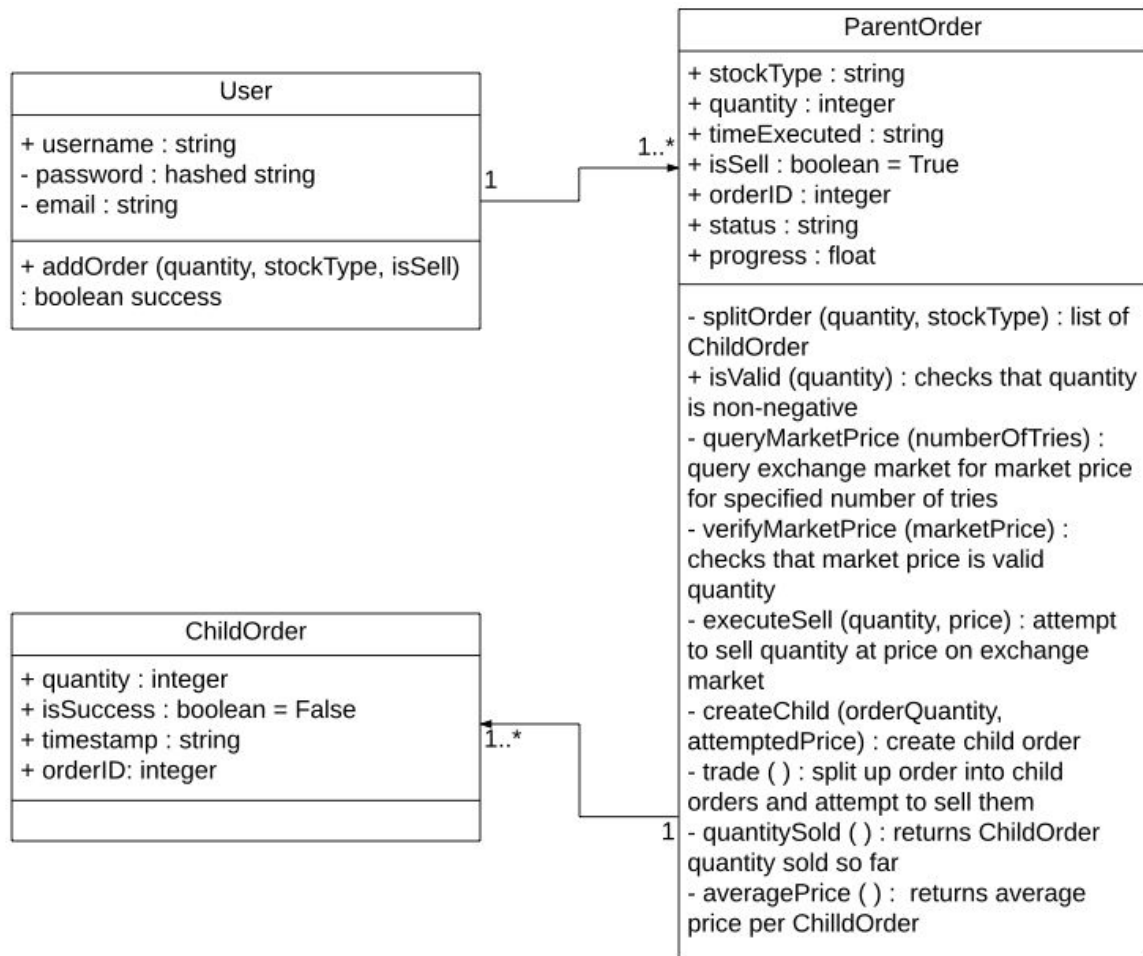
User Story 5: Halting Orders at End of Day

As a trader I want a system that halts partially uncompleted orders at the end of the market day and keeps a record of the partially fulfilled order so that I can maintain records of sold and unsold inventory.

User Story 6: Trade Statistics

As a trader I want a system that will aggregate trade data and display it in an easily readable interface so that I can observe market trends and trade history. The system should only display trade data for orders I have placed.

UML Class Diagram



Wireframes

Buy Sell Trade

Username:

Password:

Login

Buy Sell Trade

Make Trade

Current Trades

Statistics

Make Trade

Trade

▼

Buy

Sell

Quantity

100

K

ETF Ticker

ACME

Submit

Buy Sell Trade

Make Trade

Current Trades

Statistics

Make Trade

Sell

▼

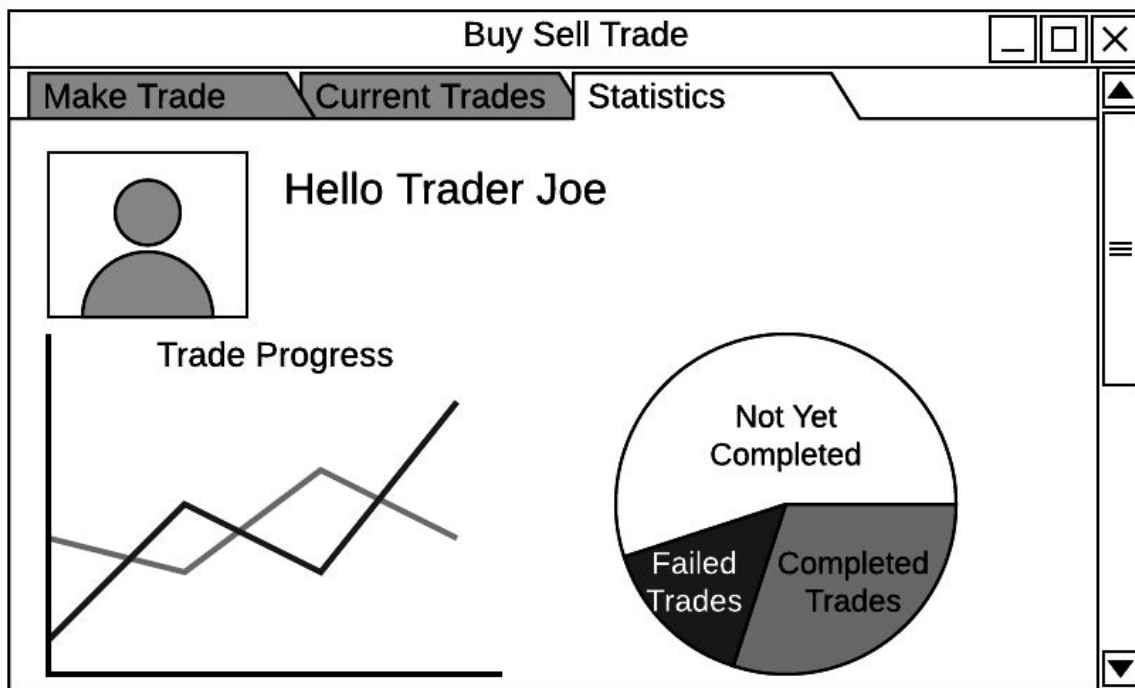
Submit

Confirm Trade

Sell 100K ACME ETF

Cancel

Confirm



Buy Sell Trade

Make Trade Current Trades Statistics

Completed Trades

	Amt	ETF Ticker	Avg Price	Time Executed
1.	10K	ACME	124.56	11/12/16 2:24 PM EST
2.	100K	ACME	136.88	11/12/16 2:06 PM EST
3.	50K	ACME	110.03	11/12/16 1:47 PM EST
4.	600K	ACME	105.76	11/12/16 1:21 PM EST
5.	10K	ACME	153.25	11/12/16 1:11 PM EST

