WHARTON
GLOBAL HIGH SCHOOL
INVESTMENT COMPETITION

WInS
User Guide

Wharton UNIVERSITY of PENNSYLVANIA GLOBAL YOUTH PROGRAM

globalyouth.wharton.upenn.edu/academic-year-programs/investment-competition

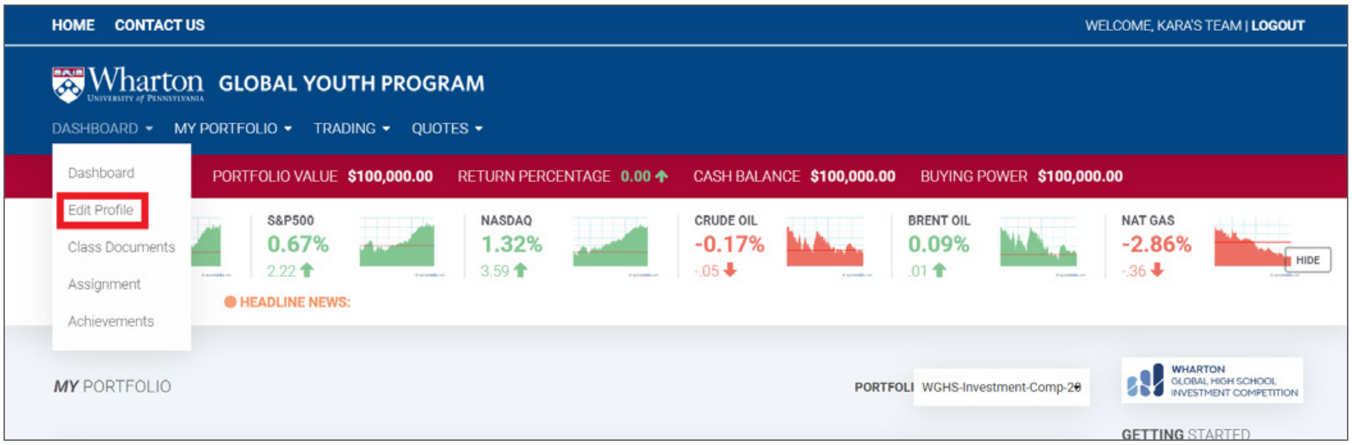
Contents

Introduction

This guide will help participants in the Wharton Global High School Investment Competition navigate the Wharton Investment Simulator (WInS), the platform on which competitors buy and sell stocks and build their team portfolios. WInS allows students to apply the concepts of investments and portfolio management in a hands-on learning environment while working with real-world data without risking real money. Wharton Global Youth Program has contracted with Stock-Trak®, the leading provider of web-based stock market simulations for universities, high schools, and the financial services industry, to provide this resource.

Changing Your Username and Password

After registration, you may need to change your username and password. You can do this by going under 'Dashboard' on the main menu and clicking 'Edit Profile.'



Getting Started

To get started using WInS, we will take a look at our dashboard, see how to place a trade, and manage our holdings.

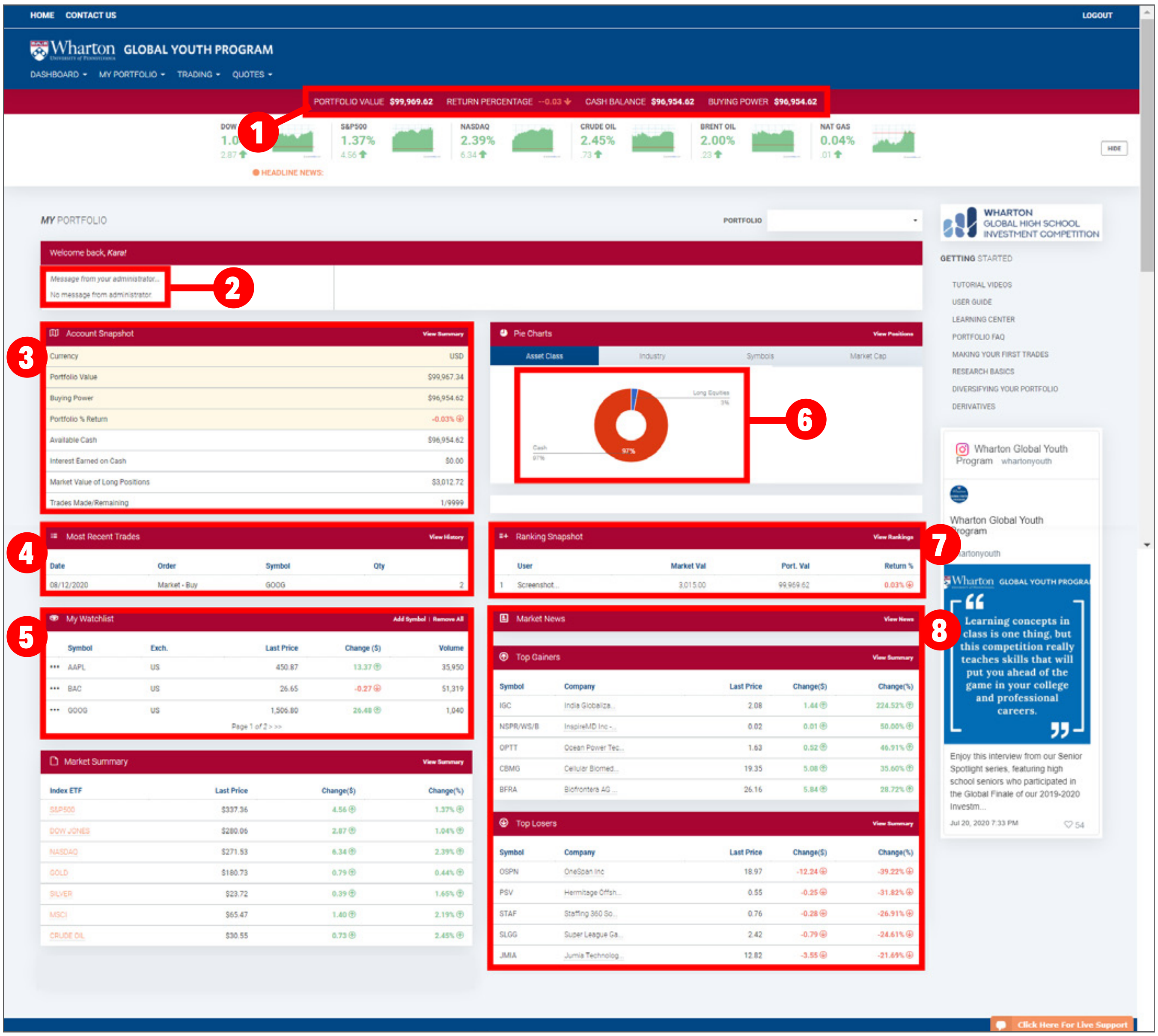
Your Dashboard

When you first log in, you will be taken to your Dashboard. This page has a lot of useful information for your portfolio at a glance. You can get back to this page at any time by clicking "Dashboard" on the main menu.

Parts of the page:

1. This is your **"Snapshot"**. It has your current portfolio value, percentage return, cash balance, and available buying power. It also rotates with a "Market Snapshot" showing charts of the current market performance for the day.
2. **"Messages from your administrator"** are messages from Wharton Global Youth Program for all teams competing in the competition.
3. Next, you can see a more detailed **Account Snapshot**, including your portfolio currency, value, buying power, portfolio % return, available cash, interest earned on cash, market value and trade limitations.
4. You can see your team's **Most Recent Trades** including date, order, symbol and quantity.
5. In addition to managing your portfolio, you can also use a **"watchlist"** to monitor stocks that you are thinking about buying, but are not yet sure you want.

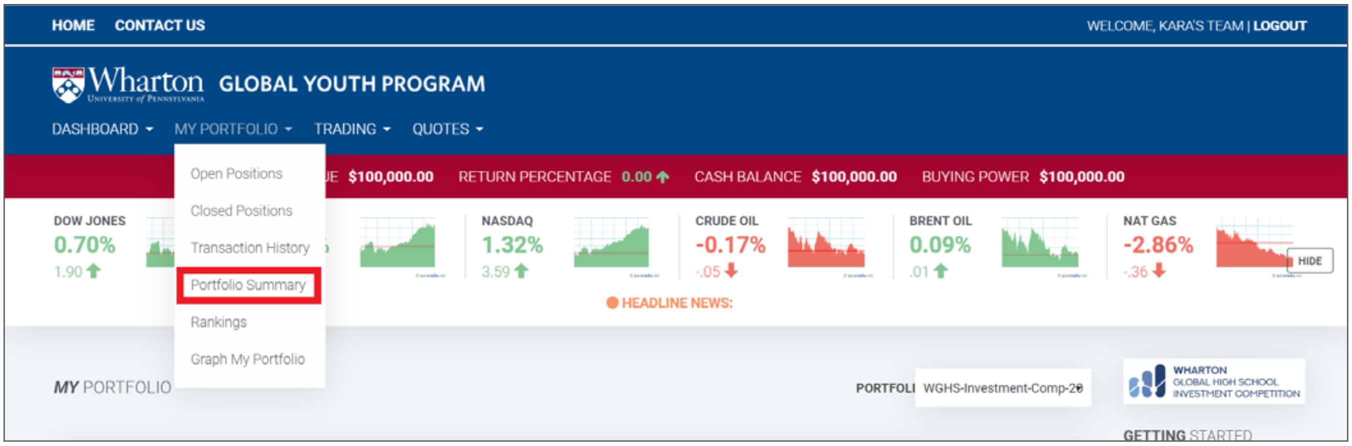
6. You also have a **pie chart** showing your portfolio breakdown between asset class, the types of industries you are invested in, specific symbols and how big the companies are that you are invested in (the "Industry" and "Market Cap" are most accurate for U.S. stocks).
7. You have a **ranking snapshot** showing the top performers in the competition. Remember, your team is not being evaluated on your portfolio growth.
8. You can also see current **market news** as well as the day's top gainers and losers in the markets. If you are not sure what to buy to start with, this can be a great place to get trading ideas.



Viewing Class Rules

Before you start trading, you might want to check your specific trading parameters set by Wharton Global Youth Program, along with your portfolio summary to see what your team starts with.

To do this, go to your team's **'Portfolio Summary'**, which is found under 'My Portfolio' on the main menu:

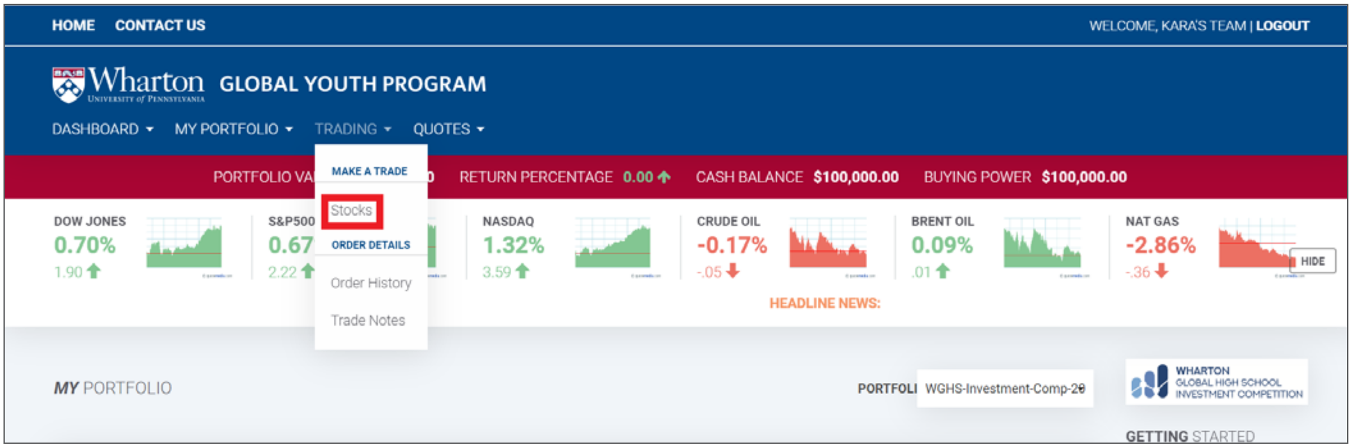


You can find your detailed account balances at the top of the page, with your trading rules at the bottom. Wharton Global Youth Program sets the currency, starting cash, interest rates, commission charges, trading dates, and a few more rules:

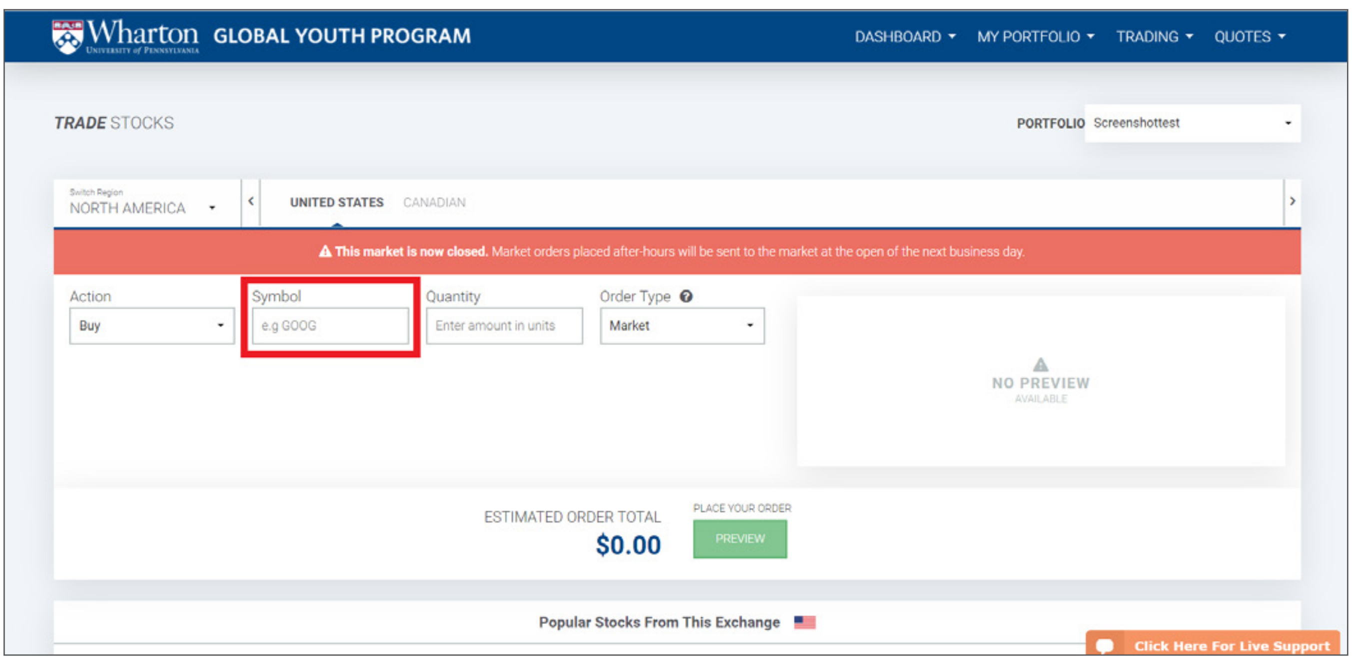
- **Position Limit:** This is how much of your portfolio you can invest in one single stock. For example, with a 25% position limit, you can invest up to 25% of your portfolio in Google stock, but not more.
- **Day Trading:** This is not permitted.
- **Short Selling:** This is not permitted.
- **Allow trading on margin:** This is not permitted.

Buying Your First Stock

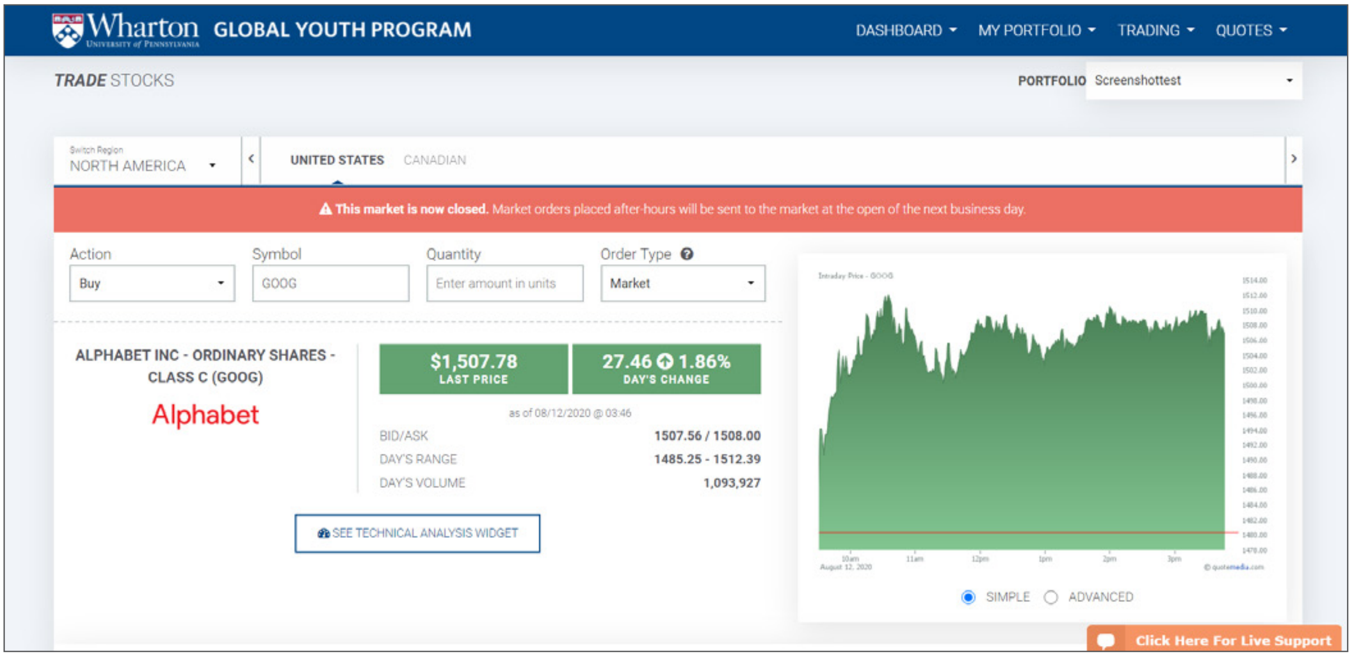
To buy your first stock, go to 'Trading' on the main menu and click **'Stocks'**:



Once you are on the trading page, enter the ticker symbol of the company you wish to buy. If you do not know the ticker symbol, just try typing in the company name, and you will see a list of ticker symbols that match. REMEMBER: YOU ARE ONLY ALLOWED TO TRADE STOCKS FROM THE APPROVED STOCK LIST. The approved stock list can be found here: https://globalyouth.wharton.upenn.edu/academic-year-programs/investment-competition/guidebook/stock-list/.



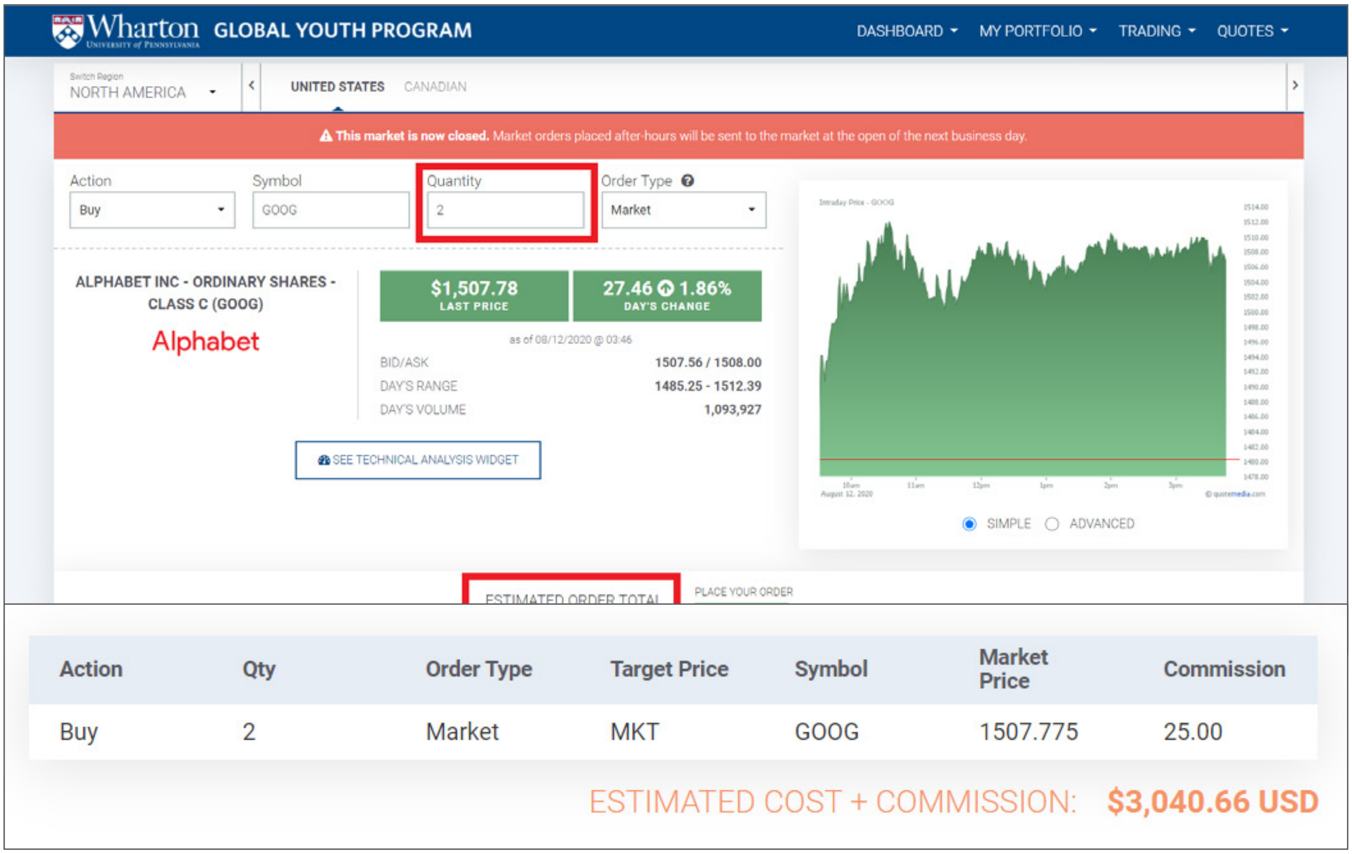
Once you enter a symbol, some quote information will load, including the company name, logo, last price, bid/ask price, a chart showing its performance for the last trading day, and an analyst rating showing what current investment experts are saying about this stock.



Some notes to keep in mind:

- **You do not buy or sell stocks at the last price.** Just like the real world, the price you pay is determined by the bid and ask prices.
- **Bid price:** This is the highest amount a "buyer" in the market is willing to pay. If you want to sell a stock, you will receive the "bid" price.
- **Ask price:** This is the lowest amount a "seller" in the market is willing to take for their stock. If you want to buy a stock, you will pay the "bid" price.
- **To buy or sell a stock at the current bid/ask prices, you will use a "Market" order type.** You can also use "Limit", "Stop", and "Trailing Stop" order types. To learn more about these order types, please watch the video tutorials.

Once the quote information has loaded, enter the number of shares you wish to buy to load the "Estimated Order Total":



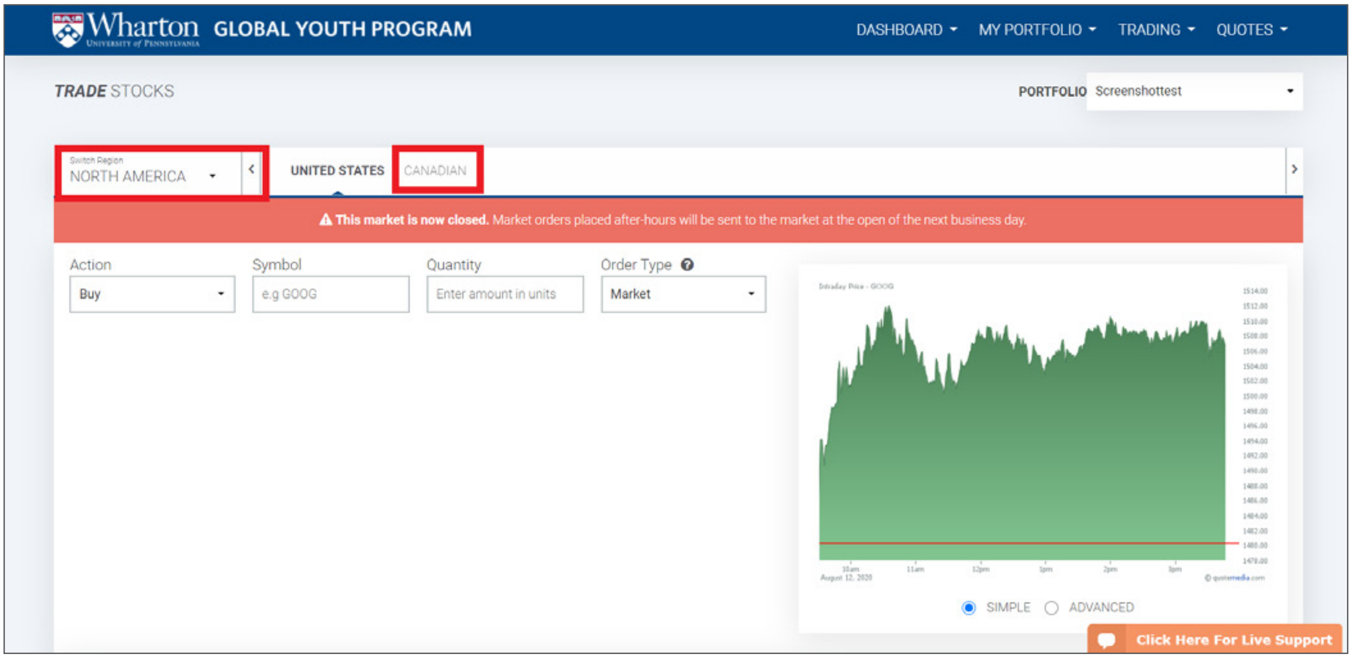
Click "Confirm" at the bottom of the page to send your order. The system will hold your order, and it will execute if the following conditions are met:

- The markets are open. If you are trying to trade outside of market hours, your order will be "pending" until the markets are open, then it will execute at the opening prices.
- If you are using a limit/stop order, your limit or stop conditions are met.
- You are trying to buy fewer shares than have actually traded in the market today (you can't be a "market maker", you can only buy stocks that are trading in the real world).

International Stocks

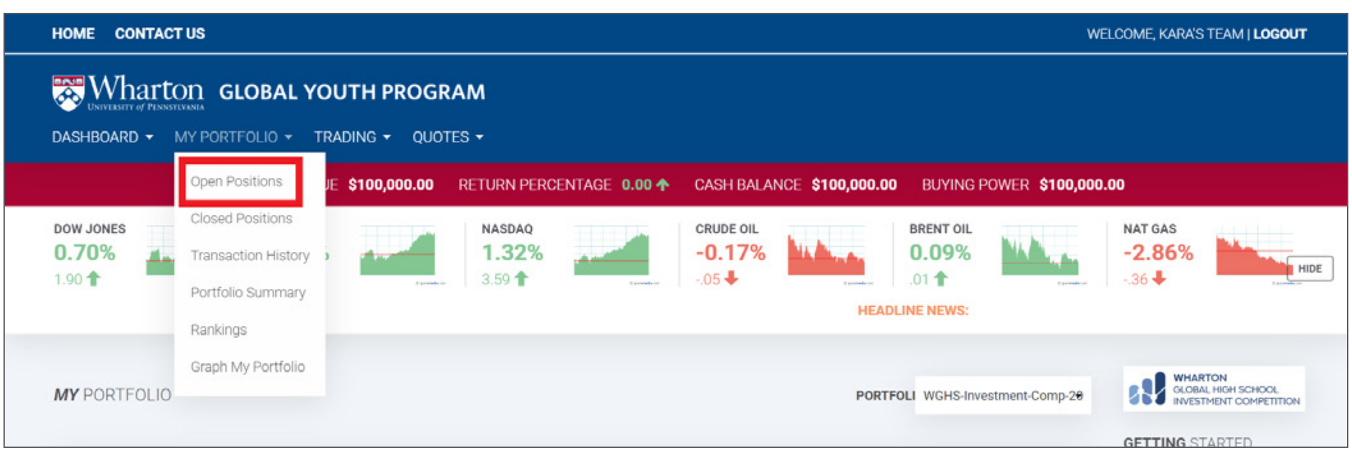
If you want to trade in markets outside of the United States, you can switch your market near the top of the page.

First select the region using the drop-down menu on the left, then choose the specific market from the list on the right.

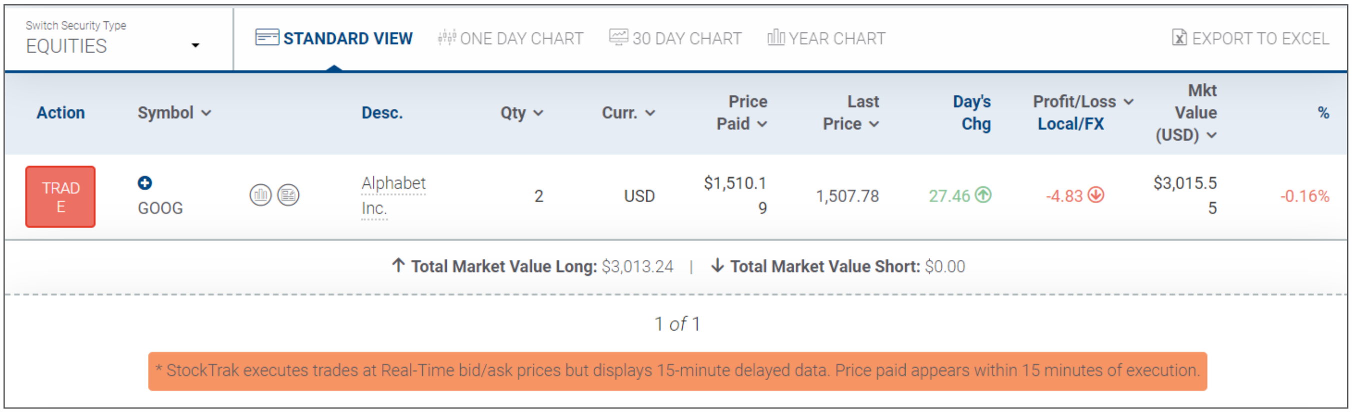


Viewing Your Holdings

Once you have one or more stocks in your portfolio, you can see them from your "**Open Positions**" page. This is under "My Portfolio" on the main menu:



This will load a table showing your current holdings:


Switch Security Type
EQUITIES

STANDARD VIEW | ONE DAY CHART | 30 DAY CHART | YEAR CHART | EXPORT TO EXCEL

Action	Symbol		Desc.	Qty	Curr.	Price Paid	Last Price	Day's Chg	Profit/Loss Local/FX	Mkt Value (USD)	%
TRADE	GOOG		Alphabet Inc.	2	USD	$1,510.19	1,507.78	27.46	-4.83	$3,015.55	-0.16%

↑ Total Market Value Long: $3,013.24 | ↓ Total Market Value Short: $0.00

1 of 1

* StockTrak executes trades at Real-Time bid/ask prices but displays 15-minute delayed data. Price paid appears within 15 minutes of execution.

Items in this table:

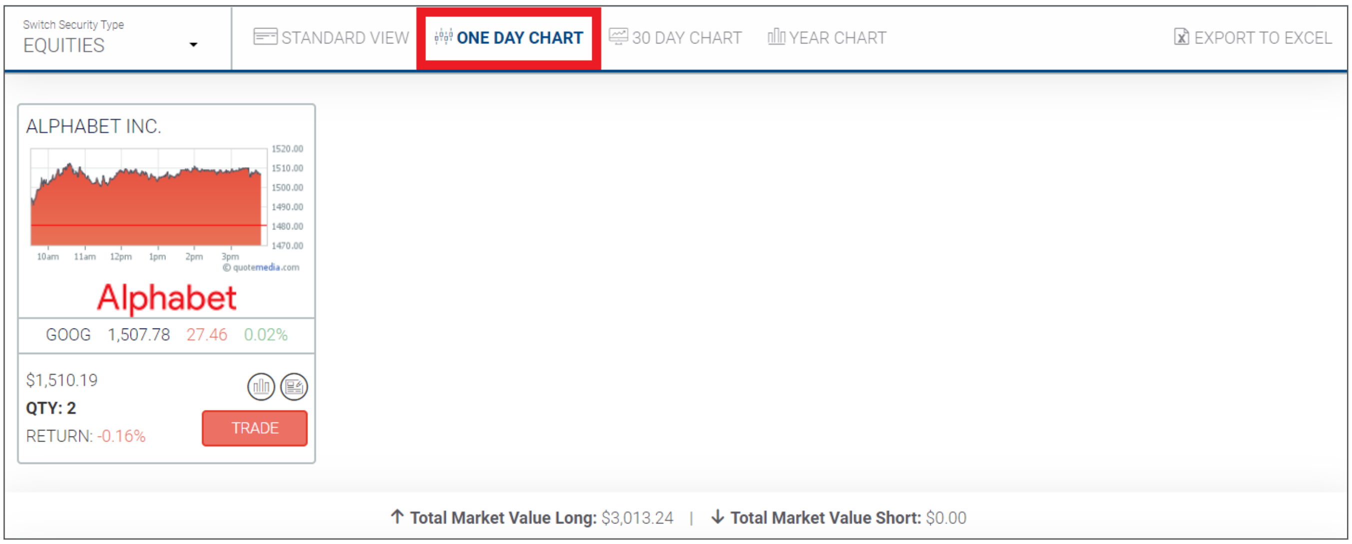
- **Action Button – Trade:** This will take you back to the trade page to "close" this position, meaning sell off all your shares at the current market price. You still have a chance to preview or edit your order after clicking this.
- **Symbol:** This is the ticker symbol of this holding
- **Round Buttons:** These will open detailed quote and news information for each holding to see more information about it
- **Description:** For stocks, this is the full company name
- **Quantity:** The number of shares you own. If you are "Short selling" a stock, this number will be negative
- **Currency:** If you are trading international stocks, this currency will show what currency this stock is valued in
- **Price Paid:** This is how much you paid when you bought the stock
- **Day's Change:** This is how much the price has moved so far today for this stock
- **Profit/Loss:** This is how much you have made or lost on this holding, denominated in your portfolio currency
- **Mkt Value:** This is the current market value of your holding in your portfolio currency
- **%:** This shows your percentage gain or loss for each holding

NOTE: the "Last Price" and "Day's Change" will update every few seconds for US stocks while the markets are open.

Chart Views

In addition to this "List View", you can also view your portfolio as performance charts for each holding, using daily, monthly, or yearly charts. To do this, click the toggles above the portfolio table:

This will load the respective "Chart Views":



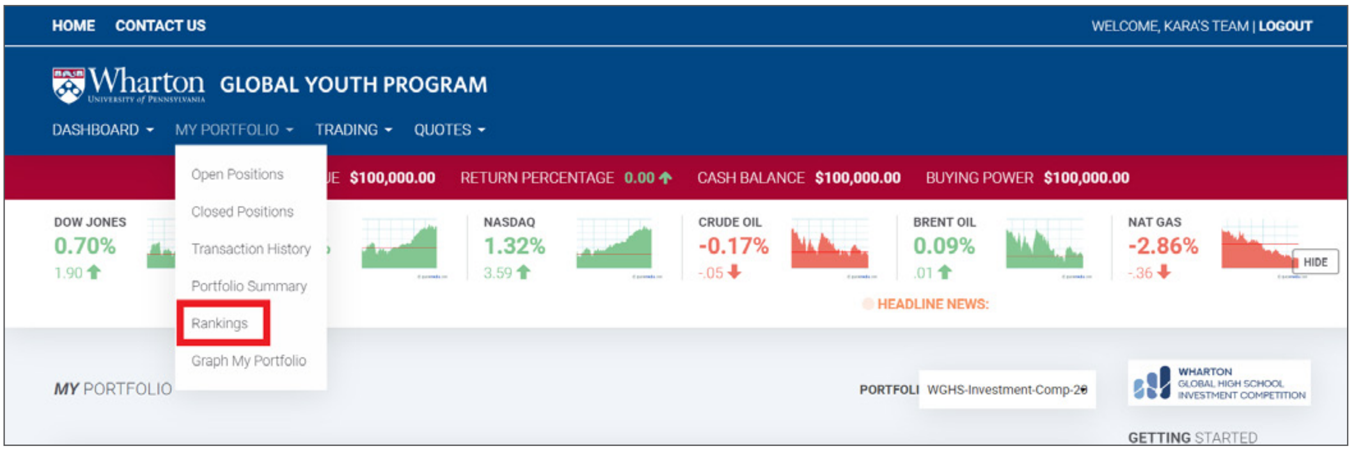
The chart view has almost all the same information as the list view. The charts are color-coded: red if you currently have a negative return for that holding, green if you currently have a positive return. The chart view can be a fast and efficient way to visualize where you are making and losing money in your portfolio.

Rankings and Portfolio Performance

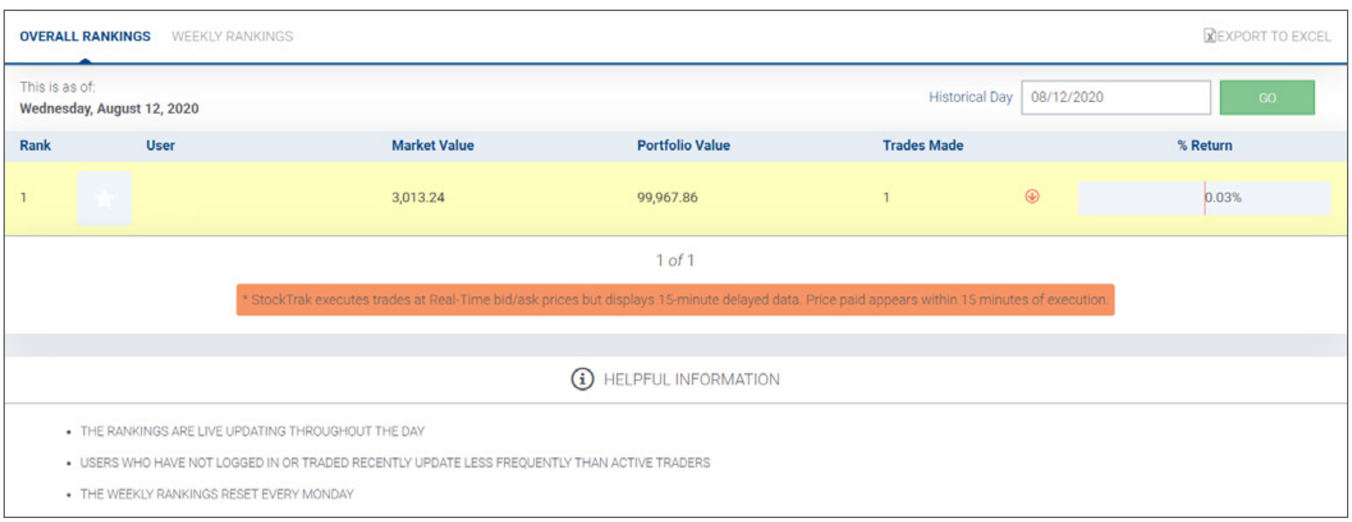
Now that you have some stock in your portfolio, you can check to see how your portfolio is performing relative to the rest of your class, and over time.

Rankings

To do this, we will go to **“Rankings”**, which appears under “My Portfolio” in the main menu:



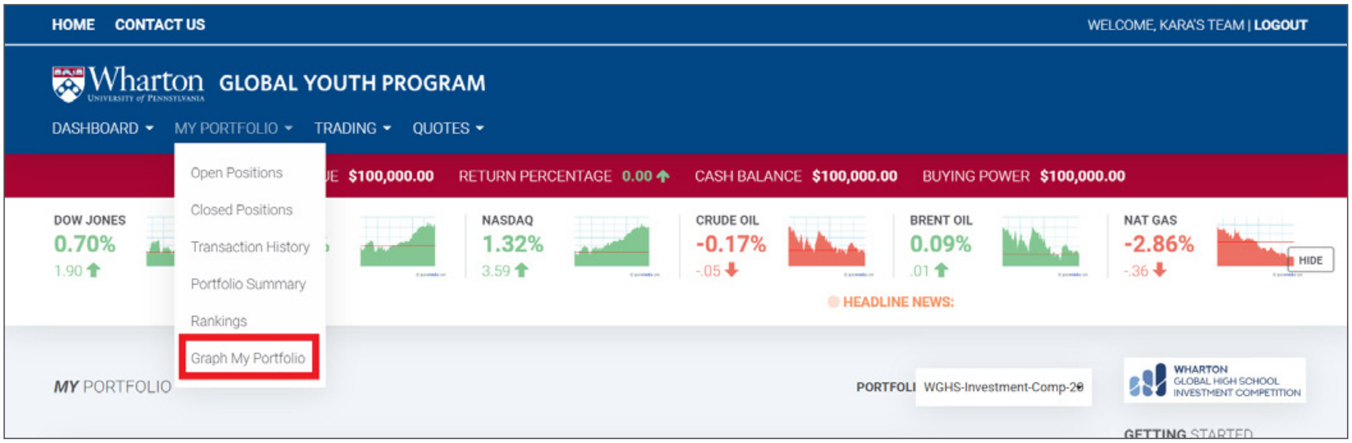
Your portfolio ranking will show each team’s name, market value, current portfolio value, and total number of trades made, with their overall percentage return (and chart to show relative performance):



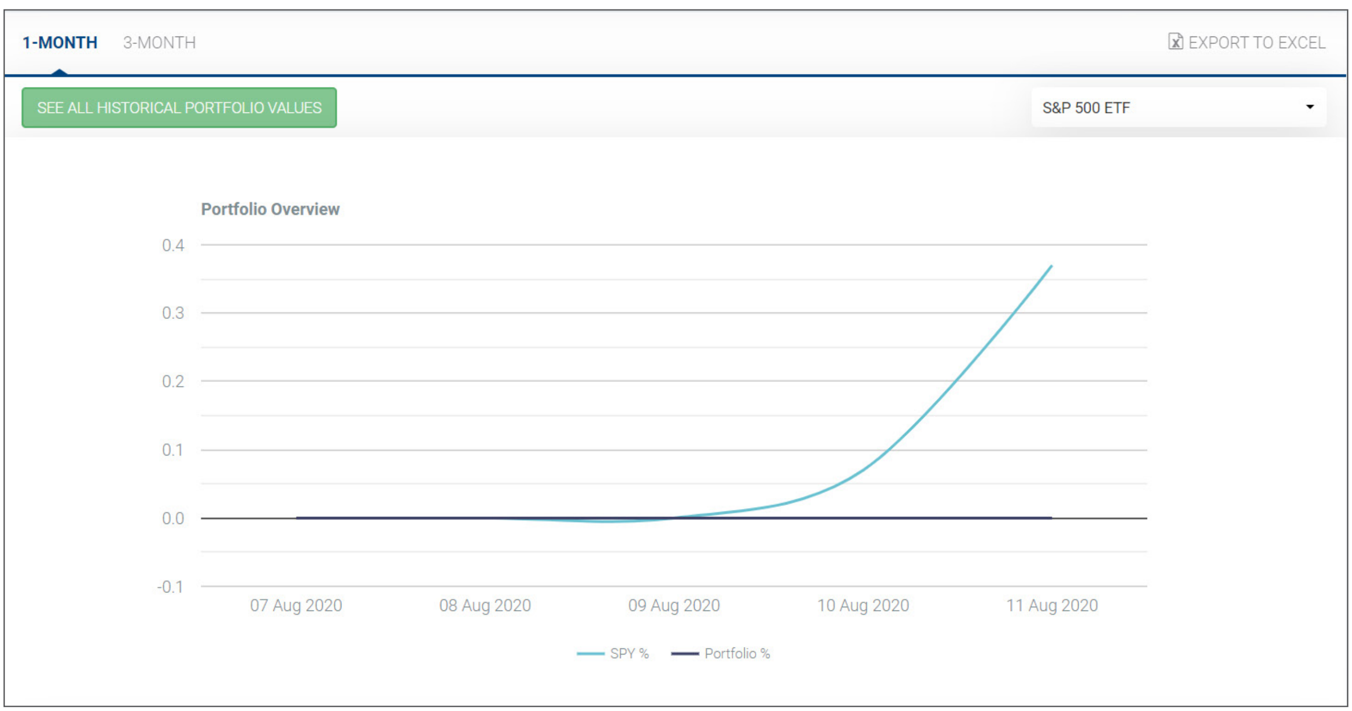
You can also use the date switcher above the chart to view the rankings on any day in the past.

Portfolio Charts

You can also see your own portfolio performance chart by visiting **"Graph My Portfolio"**, which is under "My Portfolio" on the main menu:



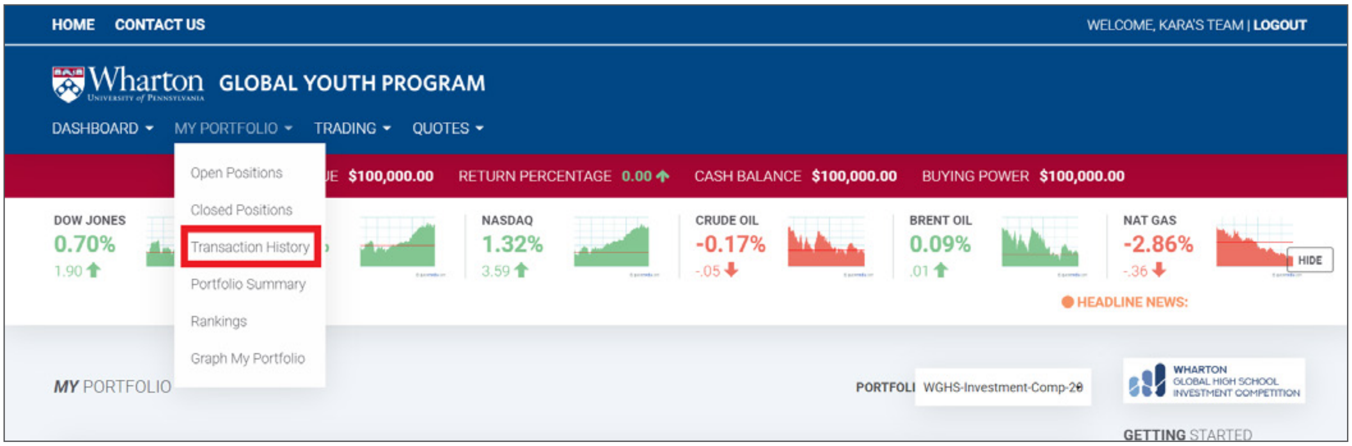
This will load a value chart showing your portfolio performance relative to any index you wish to preview. You can compare over a 1-month or 3-month period.



This page also lets you export your historical portfolio values to excel.

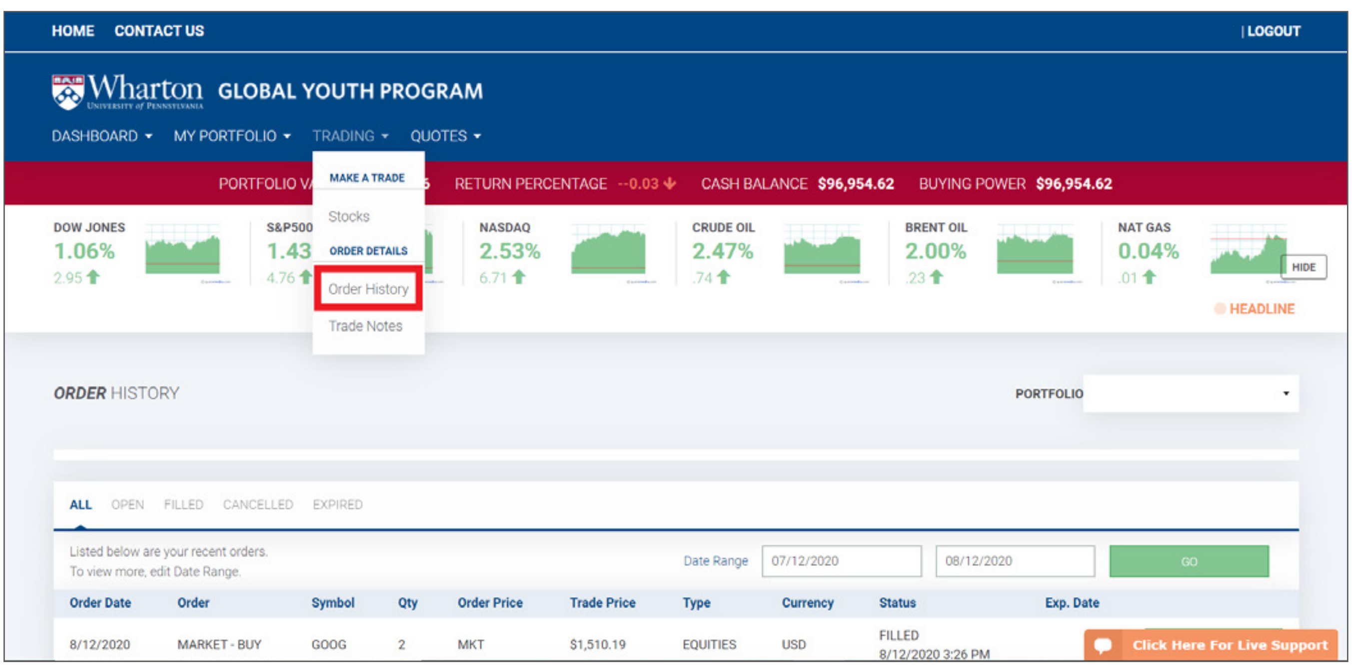
Trading History and Order History

If you want to see the trades you've placed in the past, click **"Transaction History"** under "My Portfolio" on the main menu:

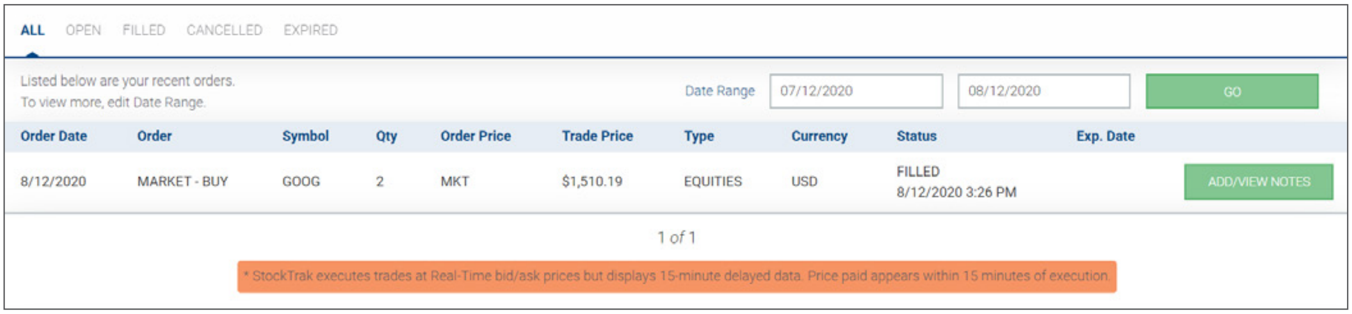


This will show every trade you've placed on WInS, but it will not show orders that did not execute (such as pending orders and limit orders). You can also specify the date range of trades you want to see, and export the table to Excel. You will also have a button to "Trade Again", which will bring you back to the Trading page loaded to buy or sell that same stock again.

If you also want to see pending orders, or orders that were cancelled, you can go to your "Order History" page, which is under "Trading" on the main menu:



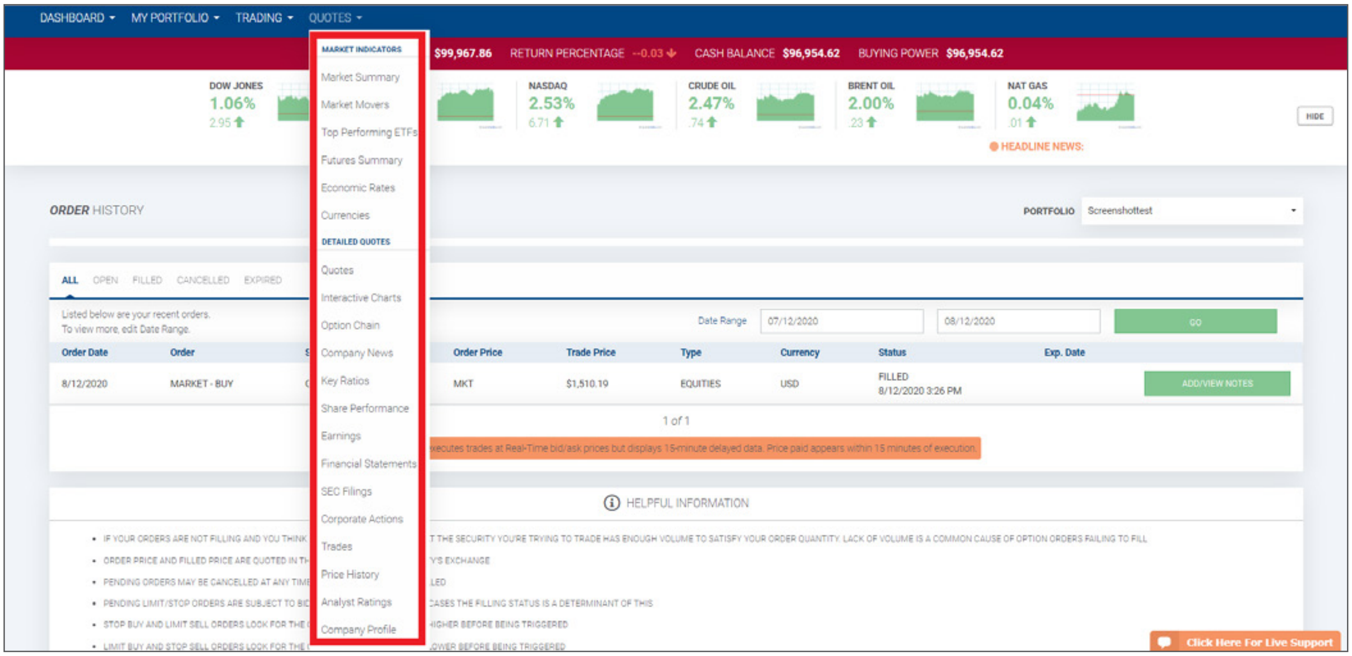
Your order history page will have more information on each order, and you can filter by type:



- **Order Date:** This is the day when you originally placed the order. For pending orders, there is a "cancel" button below the date, which will cancel the order.
- **Order Type:** This tells whether this was a market, limit, or stop order, along with if it was a buy or sell.
- **Symbol:** the stock symbol for this order
- **Quantity:** the amount of shares you wanted to trade
- **Order Price:** If you used a limit or stop order, this will have your limit or stop price. For market orders, it will simply say "MKT".
- **Trade Price:** This is the price at which your order filled (this is what is shown on the Transaction History page).
- **Type:** The security type you attempted to trade
- **Currency:** The currency of the security you attempted to trade
- **Order:** This is the order number, which is unique to every order placed on the system and can be used by the support team if you suspect there is a problem.
- **Status:** This is the current status of the order:
    - **Filled** – This order executed as a trade
    - **Open** – This order is pending for all of its execution conditions to be met, you can cancel it if you wish
    - **Expired** – The order expired before its conditions to fill were met. You can change your order expiration on the trading page, by default it is 1 day.
    - **System Cancelled** – The system cancelled your order automatically. This is either done by our support team to address an issue, or due to a corporate action of some kind (like a stock split, or the symbol being de-listed from the stock exchange).

Research Tools

You can find all of the research tools under “Quotes” on the main menu.



- **Market Summary:** Major indices in the US and Canada, with some of the biggest gainers/losers
- **Market Movers:** Most active stocks and biggest gainers/losers on the NYSE, NASDAQ, AMEX, TSX (Toronto), and LSE (London) exchanges
- **Top Performing ETFs:** Top and worst performing ETFs in the US or Canada, based on different time horizons
- **Futures Summary:** Quotes for select futures, using end of day pricing
- **Economic Rates:** Interest, bond, and select other key interest rates
- **Currencies:** A currency exchange quotes tool
- **Quotes:** Our “General” quotes page, with a detailed quote, chart, and news feed for a stock
- **Interactive Charts:** Customizable chart where students can compare several stocks based on several key metrics, across several time horizons. Also includes event markets.
- **Option Chain:** Options quotes for US stocks
- **Company News:** Aggregated news feed for specific ticker symbols (most complete for US equities)
- **Key Ratios:** Breakdown of key accounting ratios for US companies
- **Share Performance:** Technical indicators for a stock’s price, how it moves over time, and who is holding the stock (institutional investors, insiders, general public)
- **Earnings:** Breakdown of earnings-per-share over time, including how the actual numbers compare against the consensus estimates

- **Financial Statements:** Income statements, balance sheets, cash flow statements, broken down annually or quarterly, back 20 years
- **SEC Filings:** US only, everything this company files with the SEC is available here for export
- **Corporate Actions:** Timeline showing earnings releases, dividends, and splits
- **Trades:** A delayed order book for the last 50 trades of this stock, showing volume and price. For big, blue-chip stocks, this might only go back a few minutes (or seconds), but less-active stocks will have more information.
- **Price History:** Prices over time, going back to the stock's IPO. Both flat prices, volume-weighted, and adjusted for splits/dividends. Exportable to Excel
- **Analyst Ratings:** Wall-Street analyst consensus ratings for this stock (Sell, Hold, Buy)
- **Company Profile:** Who is this company, what do they do, what is their industry, who is the SEO, and what is their corporate address