
Diamond Hands Investment Fantasy League

User Guide and Documentation

Software Engineering

14:332:452

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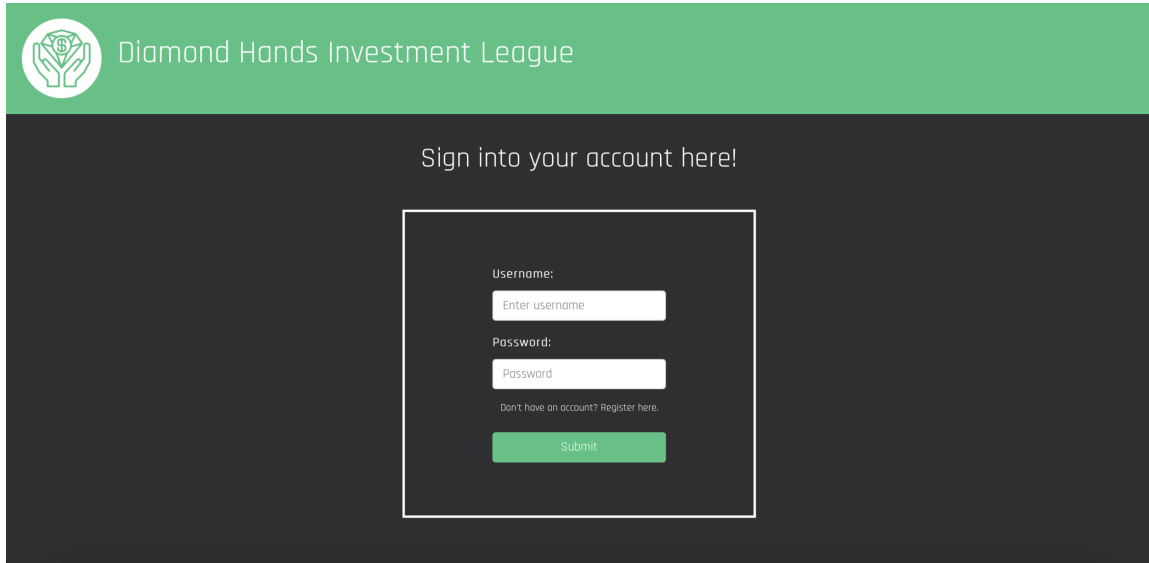
Yatri Patel

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Logging in

When navigating Diamond Hands Investment the first screen to appear is the login screen. Logging in will allow the system to identify the user as well gather their information.



The login screen features a green header with the Diamond Hands Investment League logo and name. Below the header, a dark gray background contains the text "Sign into your account here!". A white-bordered box in the center contains the login form with fields for Username and Password, a "Submit" button, and a link to register.

Diamond Hands Investment League

Sign into your account here!

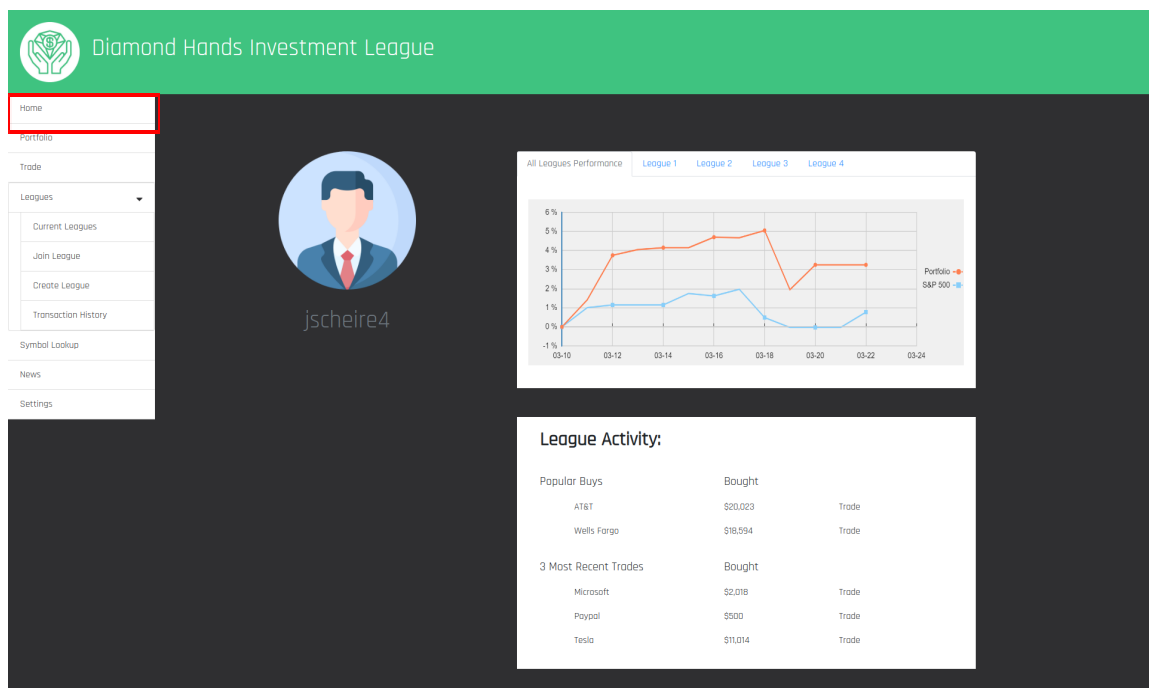
Username:

Password:

[Don't have an account? Register here.](#)

Home Page

After logging in, the user will be brought to the Home Page. The home page displays league activity of all the leagues the user is involved in currently. This page also shows the user their portfolio graph for each particular league. Each of these graphs are shown in comparison to the S&P 500 index.



The home page features a green header with the Diamond Hands Investment League logo and name. A left sidebar contains navigation links: Home, Portfolio, Trade, Leagues (with a dropdown menu showing Current Leagues, Join League, Create League, and Transaction History), Symbol Lookup, News, and Settings. The main content area displays a user profile for "jscheire4" and a line graph titled "All Leagues Performance" comparing the user's Portfolio (red line) to the S&P 500 (blue line) across four leagues. Below the graph, a "League Activity" section shows popular buys and recent trades.

Diamond Hands Investment League

Home
Portfolio
Trade
Leagues
Current Leagues
Join League
Create League
Transaction History
Symbol Lookup
News
Settings

jscheire4

All Leagues Performance

League 1 League 2 League 3 League 4

Portfolio S&P 500

League Activity:

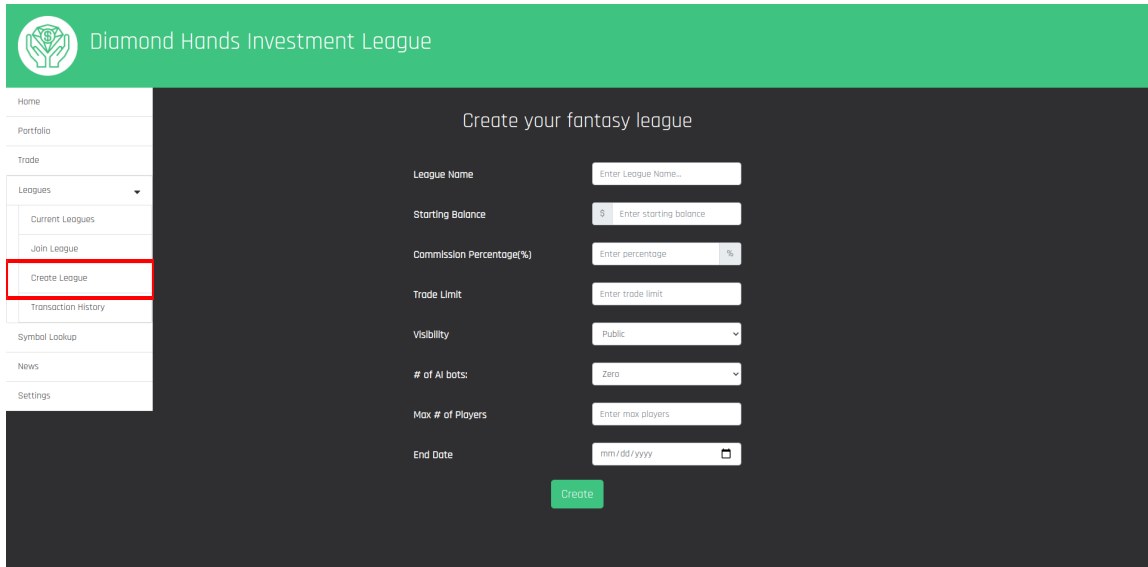
| Popular Buys | Bought | Trade |
|--------------|----------|-------|
| AT&T | \$20,023 | Trade |
| Wells Fargo | \$18,594 | Trade |

3 Most Recent Trades

| Bought | Trade |
|-----------|----------|
| Microsoft | \$2,018 |
| Paypal | \$500 |
| Tesla | \$11,014 |

Create League

To access the create league page, the user can click on the Create League under the Leagues tab on the navigation bar. Whoever creates the league initially is named as the league manager. The league manager will be able to choose different aspects of the league such as the league name, the starting balance, trade limit, if it is private or public, the number of AI bots and maximum number of players, and the end date of the league. Then the league manager will click the “create” button at the end of the page.



The screenshot shows the 'Create your fantasy league' page. On the left is a navigation sidebar with a green header 'Diamond Hands Investment League' and a logo. The sidebar menu includes: Home, Portfolio, Trade, Leagues (expanded), Current Leagues, Join League, Create League (highlighted with a red box), Transaction History, Symbol Lookup, News, and Settings. The main content area is dark gray and titled 'Create your fantasy league'. It contains a form with the following fields: League Name (text input), Starting Balance (text input with a '\$' icon), Commission Percentage(%) (text input with a '%' icon), Trade Limit (text input), Visibility (dropdown menu with 'Public' selected), # of AI bots (dropdown menu with 'Zero' selected), Max # of Players (text input), and End Date (date picker). A green 'Create' button is at the bottom center.

| Field | Input Type | Placeholder/Default |
|--------------------------|-------------|---------------------------|
| League Name | Text Input | Enter League Name... |
| Starting Balance | Text Input | \$ Enter starting balance |
| Commission Percentage(%) | Text Input | Enter percentage % |
| Trade Limit | Text Input | Enter trade limit |
| Visibility | Dropdown | Public |
| # of AI bots | Dropdown | Zero |
| Max # of Players | Text Input | Enter max players |
| End Date | Date Picker | mm/dd/yyyy |

Join League

To access the Join League page, the user can click on the dropdown for the League tab on the navigation bar and then click on “Join League.” This page allows users to join various public leagues. If users wanted to join a particular private league, they would need to enter a code that the league manager receives from the system. After they click on “Join League” they will be able to see this league name on their portfolio and current leagues pages.

The screenshot shows the 'Join a League' page. On the left is a navigation sidebar with a dropdown menu for 'Leagues' containing 'Current Leagues', 'Join League' (highlighted with a red box), 'Create League', 'Transaction History', 'Symbol Lookup', 'News', and 'Settings'. The main content area is titled 'Join a League' and contains a table with the following data:

| League Name | End Date | Members | Type | Join |
|-------------------------|-----------|---------|---------|-----------------------------|
| The Coolest League Ever | 6/30/2021 | 2/12 | Public | Join League |
| The Awesomest League | 7/2/2021 | 1/12 | Public | Join League |
| The Secret League | 8/32/2021 | 1/12 | Private | Join League |

Current League

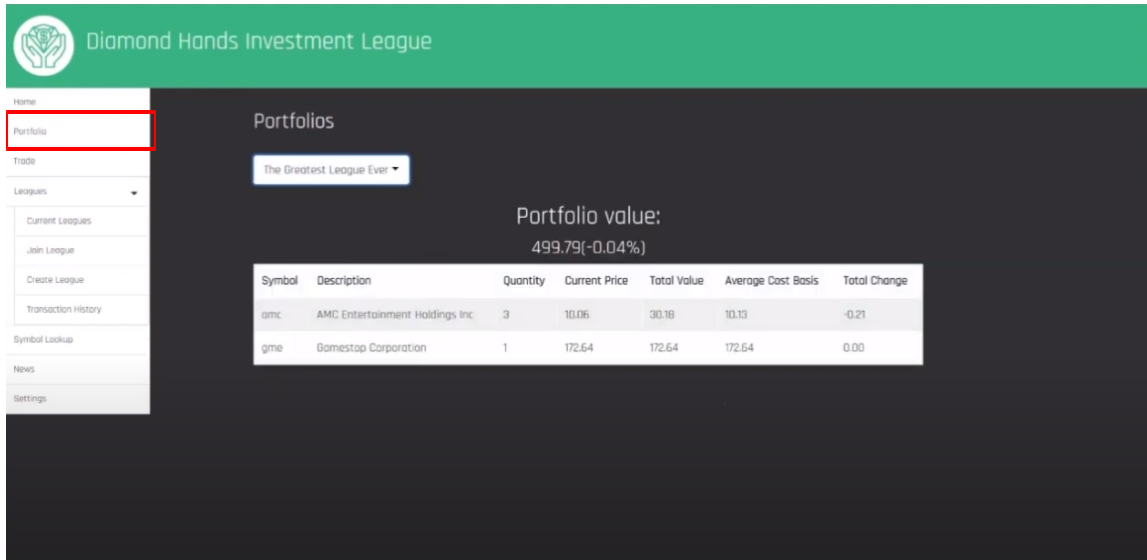
To access the create league page, the user can click on the Current League under the Leagues tab on the navigation bar. Here the user’s current leagues will be displayed. In order for the user to access information about the particular league they must click on the league title.

The screenshot shows the 'Current Leagues' page. The navigation sidebar is identical to the previous screenshot, with 'Current Leagues' highlighted under the 'Leagues' dropdown. The main content area is titled 'Current Leagues' and displays a table with the following data:

| | |
|-------------------------|------------------|
| The Coolest League Ever | \$1200(+140.00%) |
| The Awesomest League | \$500(-0.00%) |

Portfolio

On the portfolio page, the user will be able to view important information about their portfolio. Users can locate the portfolio page directly from the navigation bar on the left side of the page.

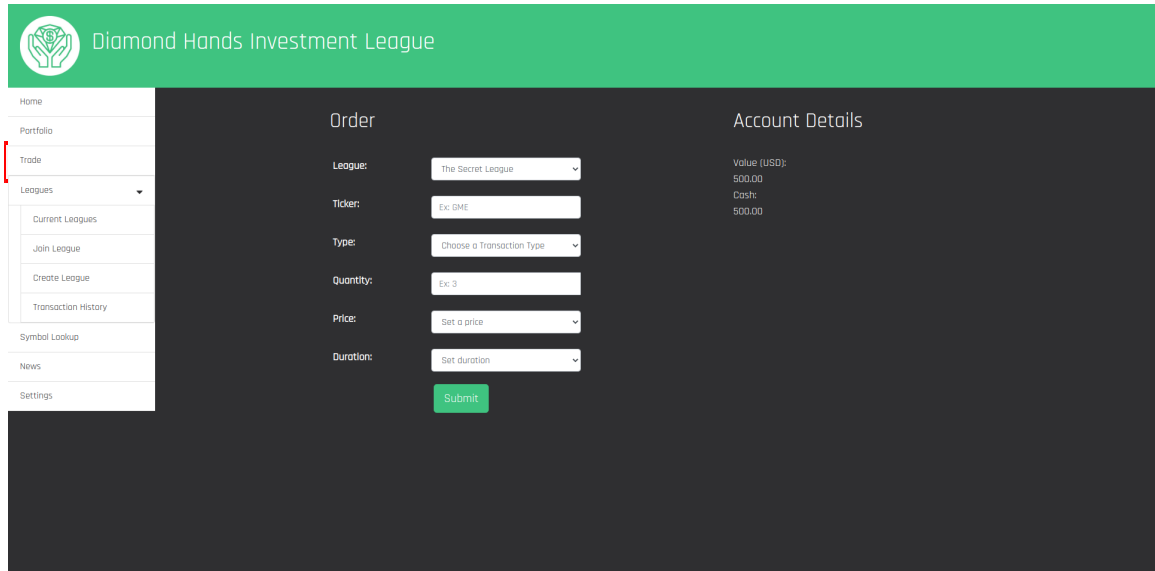


The screenshot shows the 'Diamond Hands Investment League' interface. On the left is a navigation menu with options: Home, Portfolio (highlighted with a red box), Trade, Leagues (with a dropdown arrow), Current Leagues, Join League, Create League, Transaction History, Symbol Lookup, News, and Settings. The main area is titled 'Portfolios' and features a dropdown menu set to 'The Greatest League Ever'. Below this, the 'Portfolio value:' is shown as 499.79 (-0.04%). A table lists the portfolio's holdings:

| Symbol | Description | Quantity | Current Price | Total Value | Average Cost Basis | Total Change |
|--------|---------------------------------|----------|---------------|-------------|--------------------|--------------|
| amc | AMC Entertainment Holdings Inc. | 3 | 10.06 | 30.18 | 10.13 | -0.21 |
| gme | Gamestop Corporation | 1 | 172.64 | 172.64 | 172.64 | 0.00 |

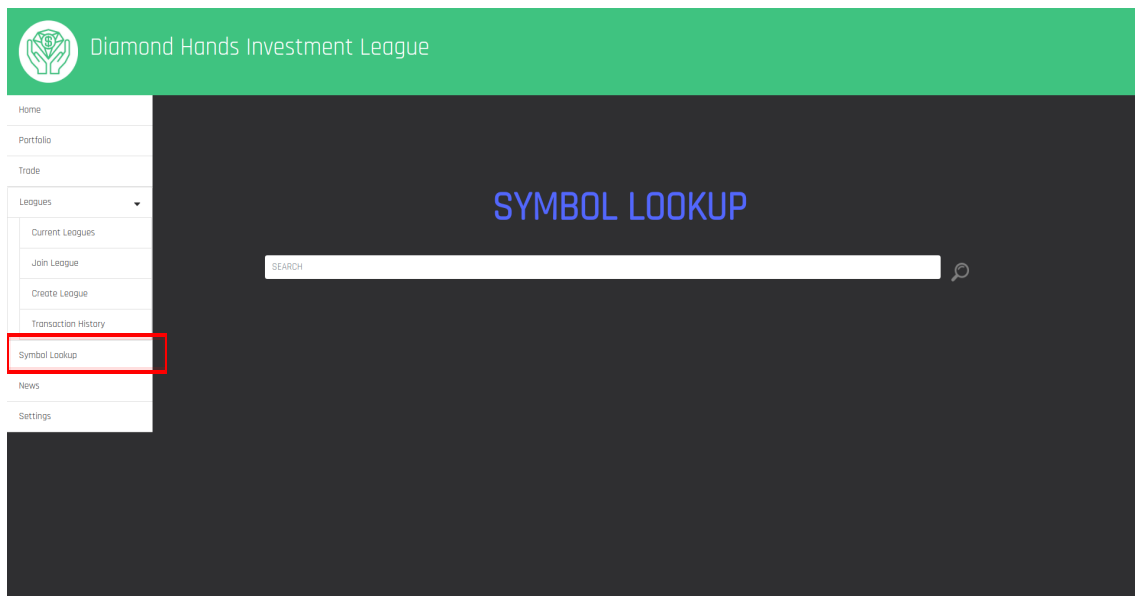
Order (Buy/Sell) Page

To access the “Sell/Buy” page use the navigation bar on the left hand side and click on “Trade”. This will bring the user to the “Sell/ Buy page” which allows investors to trade equities during market hours. The League icon will allow investors to specify for which league the trade is being made. There are two types of transactions that can be made, buy or sell. Quantity allows users to specify the amount of shares they want to purchase from each company. Price allows investors to buy stocks at market price. Investors also have the option to perform limit and stop stock orders. Stocks can be bought and sold in different durations. Our fantasy league allows its investors to choose the duration of their trade, good till cancelled or a day order. Account Details are added in this page to show users their account value, buying power and cash of the particular league they are placing the order for. After entering all the information, the user will click “Submit” for the order to be placed.



Symbol Lookup

To access the Symbol lookup page the user can use the navigation bar. This page provides investors with financial information for prospective trades. Once a stock symbol is inputted the page is then redirected to the Display Stock page.



Display Stock

This page is a redirection of the symbol lookup page. It will give users all the necessary fundamental and technical analysis for the valuation of that particular stock.

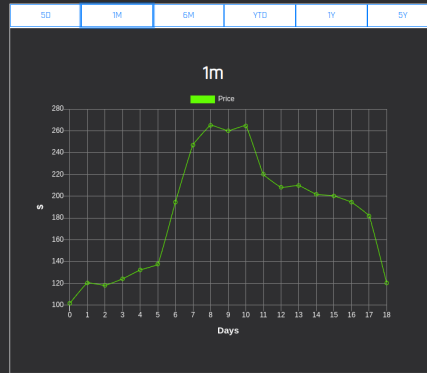


- Home
- Portfolio
- Trade
- Leagues
 - Current Leagues
 - Join League
 - Create League
 - Transaction History
- Symbol Lookup
- News
- Settings

GME

Gamestop Corporation

\$192.62



Previous Close: 183.75

Open: 192.62

Bid: 165.29

Ask: 210

Day Range: N/A-N/A

52 Week Range: 2.57-483

Volume: 326666

Average Volume: 39918233

Market Cap: 8416077542

Beta: 0.000

PE Ratio: -39.090

EPS: -3.31

Earnings Date: 2021-03-23

Dividend: 0.000

Ex Dividend Date: N/A