

Titan Trading

User Guide



Group 7

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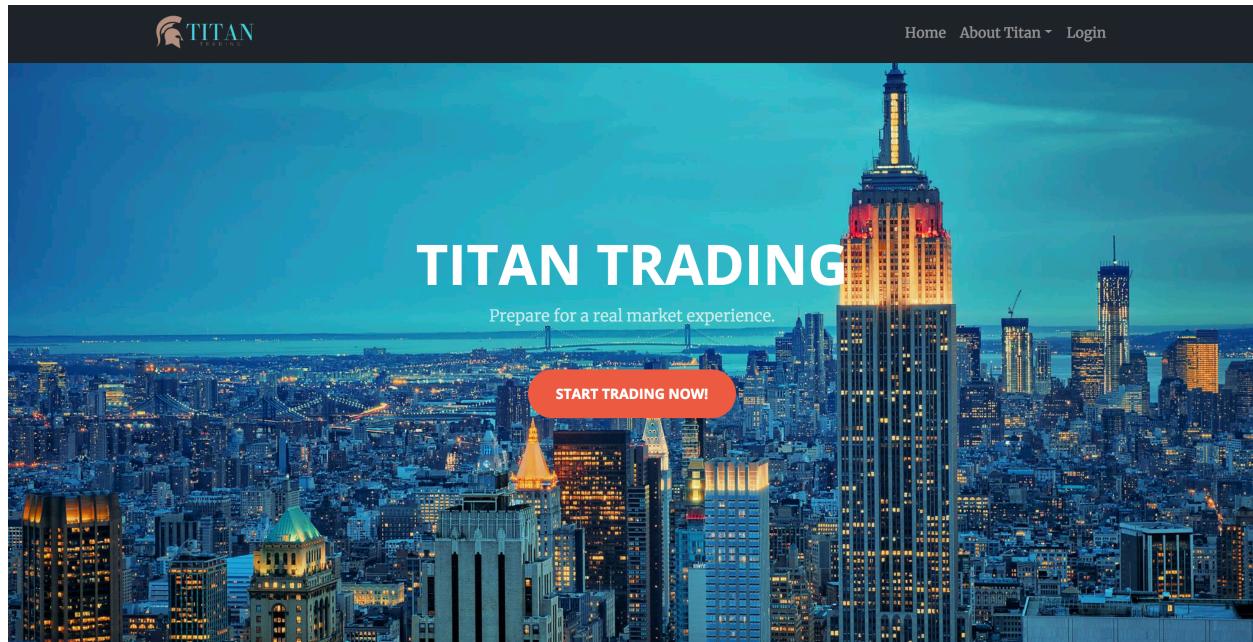
This guide is intended to help those new to Titan Trading navigate our website and learn more about the different functionalities our game provides. From signing up for the site to participating in a league, this guide will cover the in's and out's of Titan Trading.

Guest Experience

Before a user account with Titan Trading is made, someone viewing our website is considered a guest. In this section, we will detail what a guest can experience on our site and how they can take the next step to becoming a user of Titan Trading.

Guest

The first time someone enters the Titan Trading website, they are a guest. As a guest, they can see our landing page (shown below) which invites them in to our website to see more about what we have to offer as a stock market and cryptocurrency trading game.



Upon clicking "START TRADING NOW," the guest will be redirected to a [Sign Up](#)/[Login](#) page. In addition to the landing page, a guest can view the

following pages: Home, [About Us](#), [Our Mission](#), and [FAQ](#). Each of these pages is filled with information detailing what we do at Titan Trading.

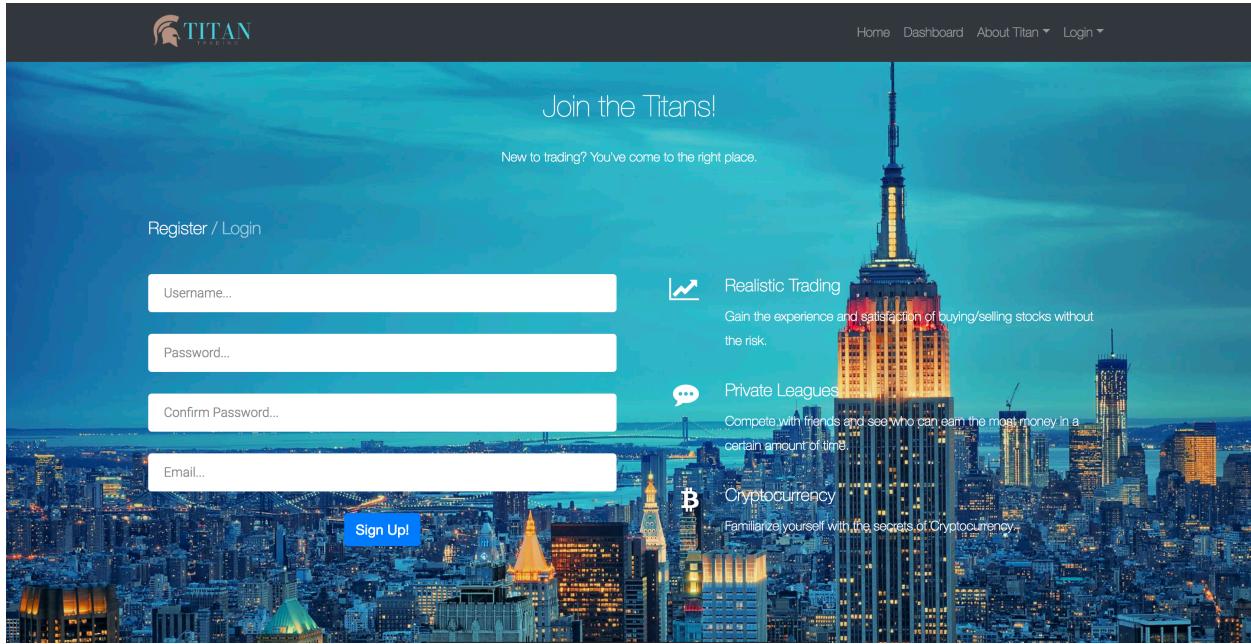
Home

Rank	UserName	Total Assets
1	IvanMasic	\$1,204,201
2	TimothyLu	\$702,403
3	Awanish	\$702,201
4	Kristene	\$632,123
5	NickLunski	\$403,912
6	SteveAdler	\$403,086
7	Safa	\$132,617
8	KristianWu	\$52,956
9	Brooke	\$43,212
10	DavidZ	\$10,201

The Home page contains a couple of widgets and the leaderboard for our [Universal League](#). The first widget on the top left of the page is from tradingview.com, and it shows real time information about a specific company or cryptocurrency. Guests and users alike can search up companies/cryptocurrencies they are interested in to see how that asset has been doing on the market. This is intended to provide users with real time data so they can make more educated decisions on when to buy/sell their shares. The second widget placed at the bottom of the page is from Dukascopy, and this widget is intended to provide users with breaking news and reports on different companies/cryptocurrencies. The Universal League leaderboard shows the top 10 players on our entire site. Everyone who joins our site is added to this league, and we showcase our top traders on this site. From this page, guests can click “Play Now!” to go to the Sign Up page, and users can click “Check Out Your Other Leagues!” to go to their [League Dashboard](#).

Sign Up

When guests are redirected to our Sign Up page, they can create an account. The only things required to sign up for an account with Titan Trading are a username, password, and email address. Titan Trading is free to sign up for and once someone creates an account, they can begin trading without real monetary risk.



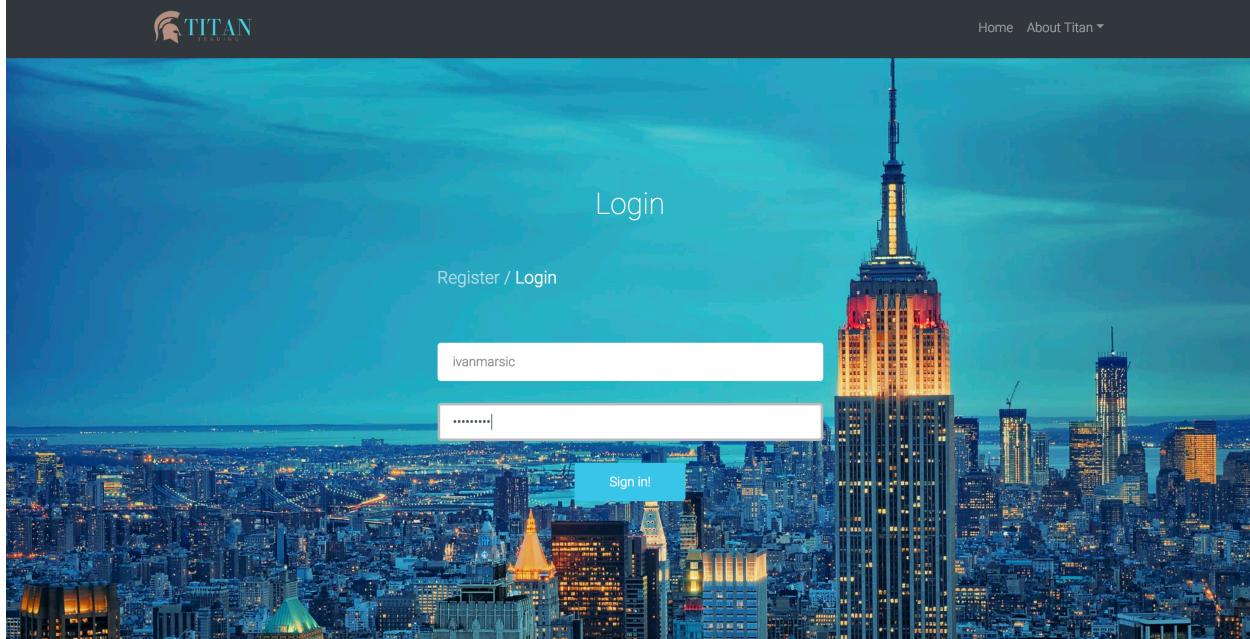
Above the input boxes, it says Register/Login. If someone clicks “Login”, they will be redirected to the Login page where they can log in if they already have an account.

User Experience

After an account is made with Titan Trading, users can access our entire website. This features the stock and cryptocurrency trading leagues, educational material, and personal profiles detailing their experience and journey with Titan Trading. This section describes how to make an account and the non game related features being a user entails.

Login

To log in, a user simply needs to enter a valid username and password. Once logged in, they will be redirected to our Home Page. People can also click on “Sign Up” to go back to the Sign Up page if they have not yet made an account.



Logout

To logout of the account, the user simply needs to click on their username in the top right corner of the page and click “logout.” Below, you can see what this

looks like.

The screenshot shows the Titan Trading website's profile page. At the top, there is a dark header bar with the "TITAN TRADING" logo on the left and a navigation menu on the right containing links for "Home", "Dashboard", "About Titan", and a dropdown for "ivanmarsic". A white sidebar on the right contains links for "Profile", "Settings", and "Log Out". The main content area has a blue header with the text "Welcome Home!" and a blurred city skyline background. Below the header, there is a large circular profile picture of a man with glasses, with the name "ivanmarsic" written below it.

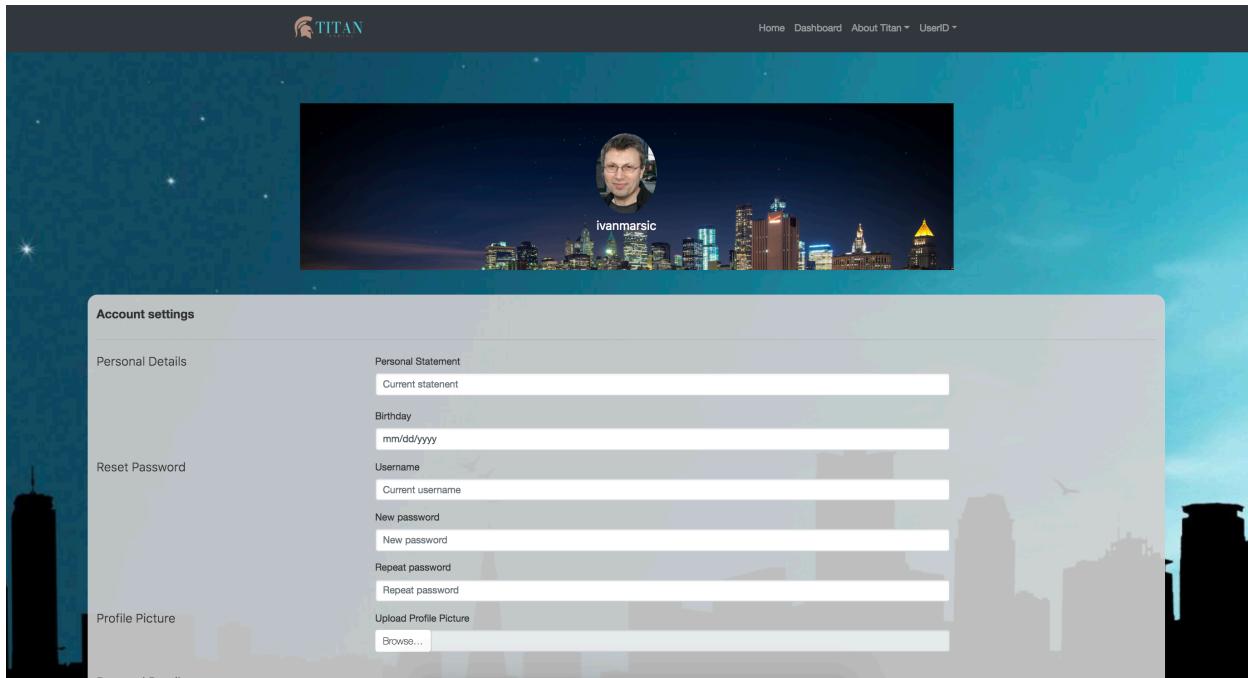
Profile Page

Once an account is created with Titan Trading, the user will have a profile page that shows who they are, their about me, and what achievements they have unlocked. Below, you can see what the profile page looks like.

This detailed screenshot of the Titan Trading profile page for user "ivanmarsic" shows the following sections:

- Personal Details:** A bio stating "I am a novice investor!"
- Achievements:** A section titled "ivanmarsic's Achievements" featuring four identical icons of a stylized Spartan helmet in brown.
- About Me:** A bio stating "I want to learn how to trade cryptocurrency. Titan Trading helped me learn how to trade without risk!"

Their about me and personal details can be customized via their profile settings. Here, they have the option to change their username, password, profile picture, and more. On the next page you can see what the Account Settings page looks like. It is highly customizable for each user and we hope that users utilize this page to talk about who they are, why they are interested in trading, and any other information they want to add to their portfolio.



Trophies

One of Titan Trading's main features is the trophies system. On the profile page (previous page), these trophies are displayed as "Achievements." These achievements are intended to reward players for reaching certain goals. Since Titan Trading is intended for traders of all experience levels, these goals will range from simply buying and selling a stock to making a certain amount in profit. Trophies serve as an indication of how much experience a player has with Titan Trading, as those with more experience and achievements in their competitions will have more trophies in their profile.

Playing the Game

This section details the different aspects of the stock and cryptocurrency trading game that Titan Trading provides. This includes how our competitions are set up, how to join them, and how to actually participate in trading.

Leagues

Our game supports different trading competitions, similar to a fantasy football league. Each league is composed of a group of players participating in an instance of a stock market or cryptocurrency simulation. Each league will come with its own set of rules and a winner will be determined based off total assets once the league ends. The rules of each league can be customized as follows: the starting balance of each player, an end date, and whether the league is for stock market trading or cryptocurrency. Our game supports two types of leagues: a universal league and private leagues. Each user is allowed to join up to three leagues not including the Universal League. Once they join a league, they become players in that league, thus all their data from league to league are independent of one another. Next, we will delve into the details of each type of league.

Universal League

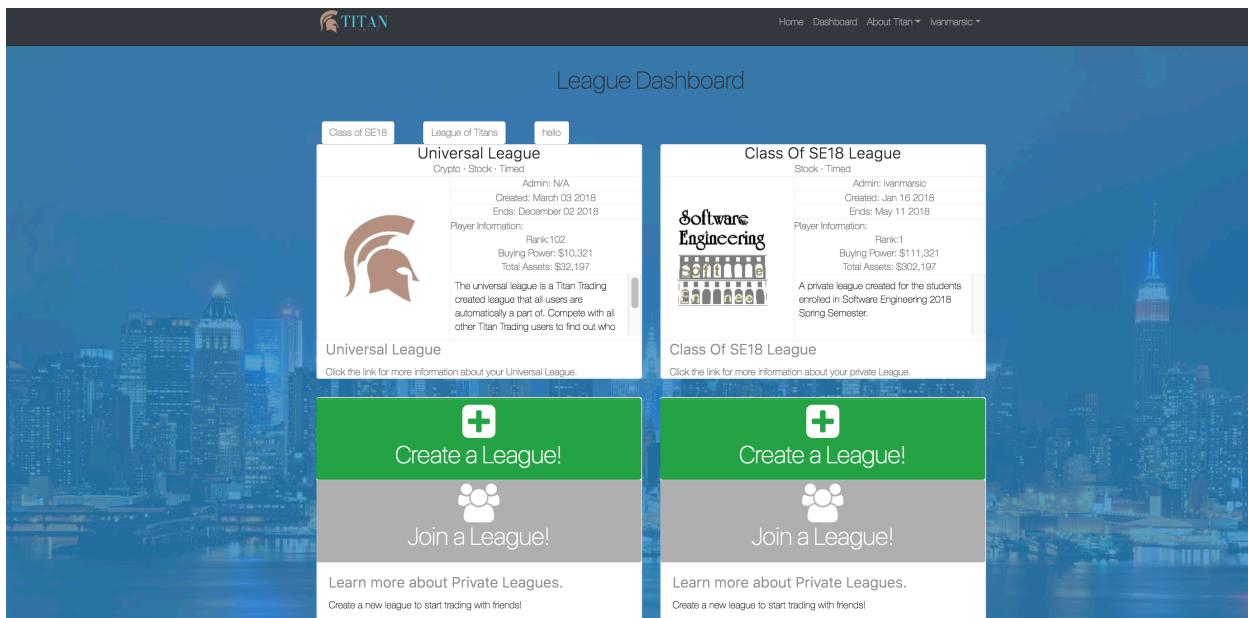
The Universal League is a site wide league that all users who join Titan Trading are automatically added to. The Universal League ends every 4 months, so in one year, the Universal League will have three seasons. At the end of each season, a winner will be announced and the league will restart. If an account is created in the middle of the season, they will still be allowed to participate in the league as it is open to everyone who is a member of our site. While users cannot leave this league, they can choose to not participate by not trading in this league. Our Universal League is a stock market league and this does not change from season to season. The Universal League can be viewed on the [Home](#) page, Dashboard, and [Individual League Page](#).

Private League

A Private League is a league a user creates to share with their friends. The person who creates the league is the league admin, and they can invite users to join their league by sending them a league name and password. How a user can accept this invitation will be discussed in “Join a League.” All the private leagues a user is a part of is displayed on the League Dashboard, and all the information regarding each specific league is contained on an Individual League page. First, let’s discuss how a private league is created.

League Dashboard

The league dashboard is a page that displays all the leagues a user is a part of. This can contain the Universal League and up to three private leagues.



As you can see from the image above, this page displays all the leagues the user is a part of. From here, the user is also given the option to create a league and join a league. There are also tabs for each individual league the user is a part of. By clicking those tabs, the user will be redirected to the individual league page for that league.

Create a League

To create a league, a user must click “Create a League!” on their dashboard. Once redirected to this page, they will have a form in which to create the settings

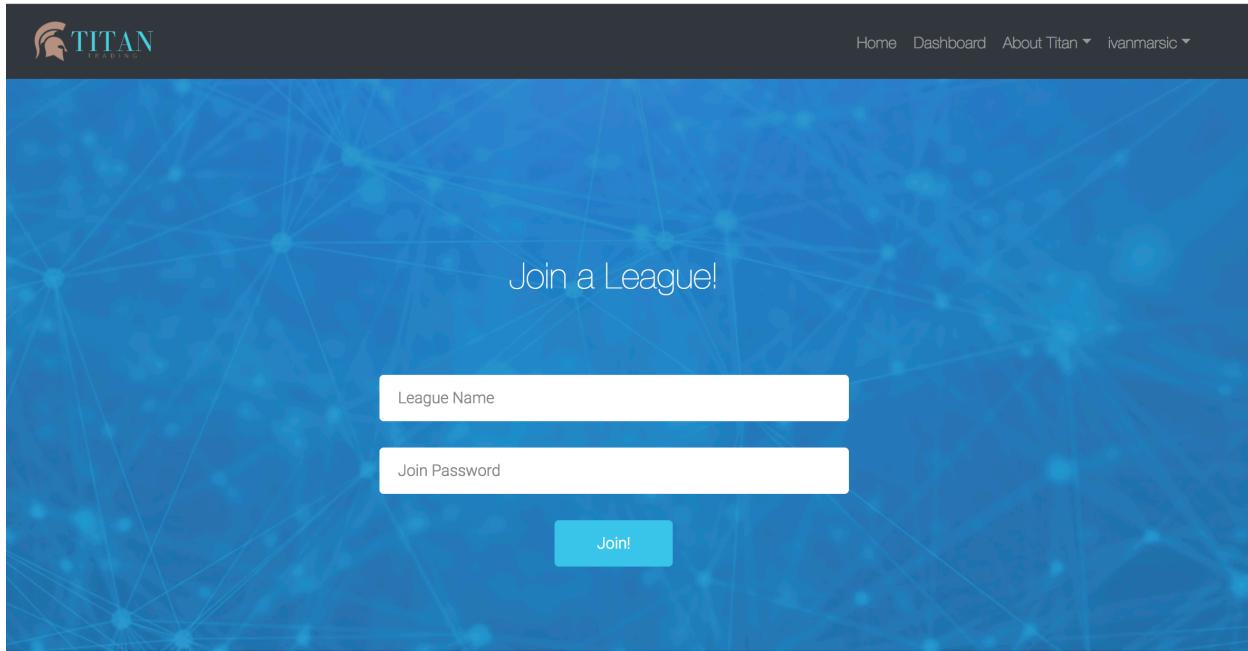
for their new private league.

The screenshot shows the 'Create A League' page of the TITAN platform. At the top, there's a navigation bar with the TITAN logo, Home, Dashboard, About Titan, and a user dropdown for ivanmarsic. The main title 'Create A League' is centered above a descriptive text: 'Create your own private league to compete with friends! We'll need some basic information before you get started.' Below this, there's a section titled 'League Information' with fields for 'League name' (placeholder: 'Name your league here.'), 'Starting Balance' (placeholder: '0.00'), 'Join Password' (placeholder: 'Enter password here.'), and a note '(Invitees will join the league with this password.)'. There's also a 'League Type' section with radio buttons for 'Stock Market (Regular Stock Market)' and 'Crypto Market (Cryptocurrency Market)'. An 'End Date' field is present with the placeholder 'mm/dd/yyyy, --:--'. A large green button at the bottom right says 'Create League'.

The user just needs to create a name for the league, decide on a starting balance, set a password for the league so people can join their league, select which type of trading they would like to participate in, and an end date for the competition. After this league is created, the settings cannot be changed. The league admin can now invite others to join their league by sending people the league name and password.

Join a League

To join a league, the user must be invited by the league admin. If invited, they will receive the league name and password to join. Users can reach the join a league page by clicking the “Join a League!” button on their dashboard. After doing so, they will be redirected to the page seen below.



On this page, they just need to enter in the league name and password to join the league. Once they join the league, they can access the league via their dashboard.

Individual League

Every league a user is a part of has its own individual league page, which can be accessed via the League Dashboard. This page is designed to display all the relevant information of a user for a specific league and allow them to participate in trading for a league.

Rank	User Name	Total Assets
1	IvanMarsic	\$422,598
2	StevenAdler	\$369,698
3	Safa	\$344,256
4	Avanish	\$312,597
5	Brooks	\$256,127
6	TimothyLiu	\$231,056
7	Kristene	\$112,372
8	DavidZhang	\$50,914
9	Lurski	\$25,614
10	KristianWu	\$12,618

Back to League Dashboard!

Software Engineering
Soft
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rings

Personal Info

User Name:
Buying Power: \$134,526
Rank: 1
Total Worth: \$422,598

League Settings:
End Date: May 11 2018
League Admin: ivanmarsic
Starting Balance: \$30,000
Type: Crypto

Members List:

1. IvanMarsic
2. StevenAdler

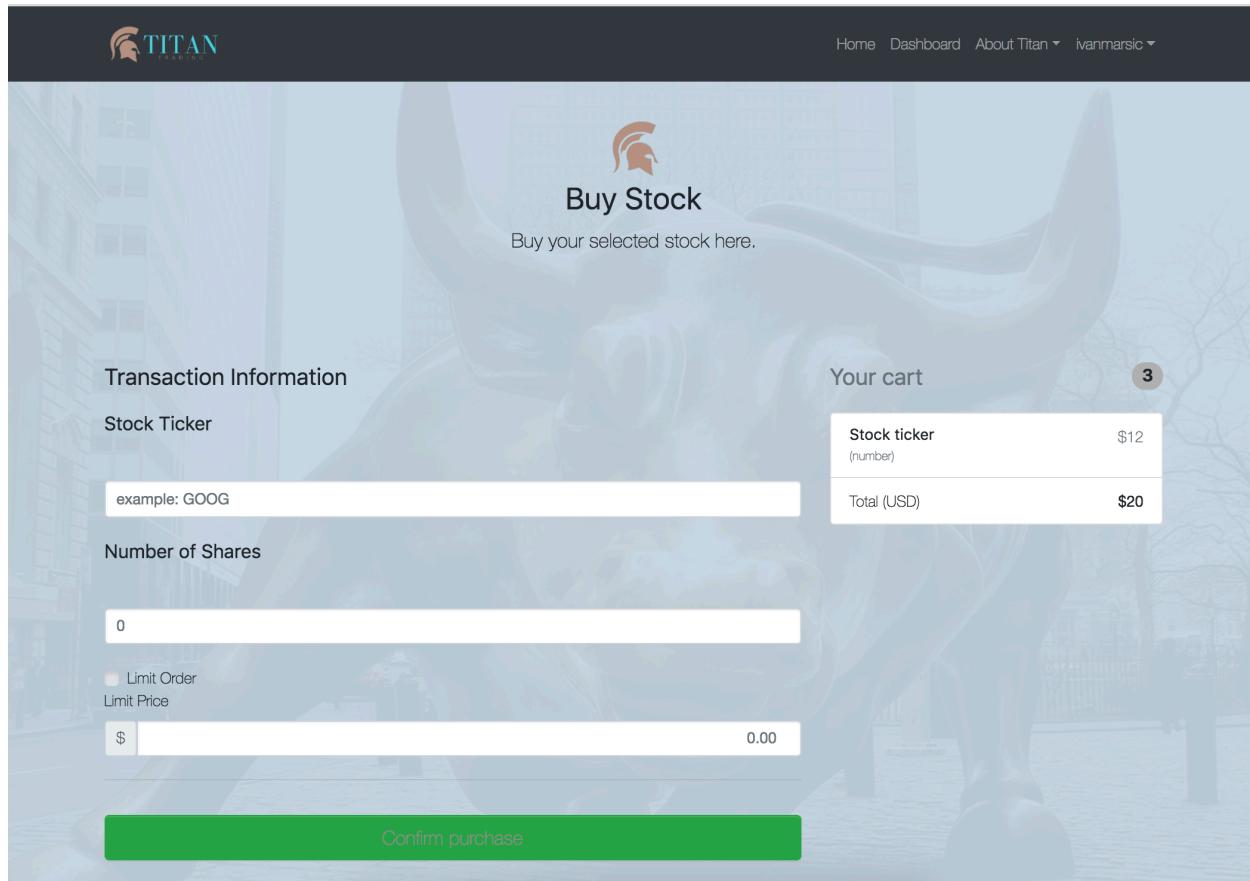
BUY

SELL

On the left, this page displays the leaderboard for this league. The top 10 players of this league are shown along with their total assets. On the right, all the personal information of the player is displayed. It shows their buying power (how much they can spend), rank within the league, and total worth (total amount of money they have including the cost of their shares). This section also shows what the league settings are and a list of all the players in the league. Players can only trade for a specific league from this page via the buy and sell buttons.

Buy Stock/Cryptocurrency

After clicking on the buy button from the Individual League Page, the user is presented with a form to buy stock/cryptocurrency. On this form (shown on the next page), they need to enter the stock/cryptocurrency ticker, the number of shares they would like to purchase, and if they select limit order, the price they would like to buy at. A limit order sets the maximum price you are willing to buy this asset for. If the condition is not met, the transaction will not go through. On the right, the player can see how much money they must spend for the shares they are trying to buy. If the transaction is successful, the website will redirect to the dashboard page.



Sell Stock/Cryptocurrency

After clicking on the sell button from the Individual League Page, the user is presented with a form to sell their shares of a stock/cryptocurrency. On this form (shown on the next page), they need to enter the stock/cryptocurrency ticker, the number of shares they would like to sell, and at what price they want to sell at. They can sell their shares at either market price, limit price, or stop price. The market price is how much the stock/cryptocurrency is worth on the market. The limit price is the minimum price you are willing to sell this asset. If the condition is not met, the transaction will not go through. Lastly, a stop price means that you only want your trade to be executed when the asset you want to sell reaches a particular price (the stop price you set). With the limit order and stop order options, the player must specify at what price they want to sell. If the transaction is successful, the website will redirect to the dashboard page. On the right side of the page, the player can view how much they are expected to make for these shares.

Sell Form

Stock Ticker

GOOGL

Number of Shares

0

Price

- Market
- Limit
- Stop

Price Limit

Stop Limit

Trade Details

Stock ticker	(number)	\$12
Total (USD)		\$20

Submit

Informational Pages

The following pages are informational pages designed to give the user an insight to who created Titan Trading, why we created this product, and some answers to frequently asked questions. These pages are available to guests and users of our site alike since we want people to be able to understand Titan Trading even before committing to our site.

About Us

This page contains short biographies about the founders of Titan Trading. We want our users to understand who the people behind this product are and why we are so passionate about it. Below, you can see a snippet of what this page looks like as well as a few of the founders of Titan Trading.

The screenshot shows the 'About Us' page of the Titan Trading website. At the top, there is a dark header bar with the 'TITAN TRADING' logo on the left and navigation links for 'Home', 'Dashboard', 'About Titan', and 'ivanmarsic' on the right. The main title 'About Us' is centered at the top of the page. Below the title, a paragraph of text states: 'Titan Trading was first founded in January 1, 2018 by a group of nine passionate software engineering students. Each founder had a strong interest in stock and cryptocurrency, but wanted to create a platform that they could gain experience.' A section titled 'The Titans' follows, featuring three circular profile pictures of the founders: Steven Adler, Kristene Aguinaldo, and Timothy Liu. Each profile includes a name label and a brief bio. Steven Adler's bio says he is getting his feet in the water in the field of software engineering this summer with an internship. Kristene Aguinaldo's bio mentions she is an ECE student, Rutgers SoE Ambassador, a Matlab learning assistant, and an undergraduate researcher in the field of deep learning. Timothy Liu's bio says he is interested in software development and would like to go into business as a long term future career, and that he has worked two summer internships at ATT and plans to go back for a third internship this summer.

About Us

Titan Trading was first founded in January 1, 2018 by a group of nine passionate software engineering students. Each founder had a strong interest in stock and cryptocurrency, but wanted to create a platform that they could gain experience.

The Titans

Steven Adler

Steven is getting his feet in the water in the field of software engineering this summer with an internship. He is interested with softare development in general.

Kristene Aguinaldo

Aside from being an ECE student, Kristene is a Rutgers SoE Ambassador, a Matlab learning assistant, and an undergraduate researcher in the field of deep learning.

Timothy Liu

Timothy Liu is interested in software development and would like to go into business as a long term future career. At this time, Timothy Liu has worked two summer internships at ATT and plans to go back for a third internship this summer.

Our Mission

This page details what our mission here at Titan Trading is. We want users and guests to be able to read about what our goals are for this game. Below, you can read a snippet of what our mission is and what Titan Trading is all about.

TITAN TRADING

Home Dashboard About Titan ivanmarsic

Our Mission

Here at Titan Trading, we strive to give everyone the opportunity to experience stock market and cryptocurrency trading without monetary risk. We train the next generation of traders and finance experts. Titan Trading is an educational tool for novice and experienced traders alike. For the novice trader, we hope to teach them the basics of investments and give them a platform to try things out before committing to investing in real life.

For the more experienced day-trader, give them a chance to try out new investment strategies and tools. No matter the experience level, users have so experience and knowledge to gain through competing in our stock market leagues. Our competition environment creates an environment similar to that of the real stock market, thus incentivizing players to make strategic and profitable investments. Titan Trading wants to open up stock market and cryptocurrency trading to everyone.

After learning about trading here, they can eventually participate in real trading and will form the next generation of financial experts.

FAQ

The last page of our website contains our frequently asked questions. These contains things about not only Titan Trading and the game, but about the stock market, cryptocurrencies, and trading in general. Below, you can see a snippet of what our FAQ page looks like.

TITAN TRADING

Home Dashboard About Titan ivanmarsic

Frequently Asked Questions

Below are some of the more frequently asked questions related to not only to Titan Trading, but to finance in general as well as links to external resources that can prove useful.

Stocks and Cryptocurrency

What is cryptocurrency?

A cryptocurrency is a digital currency in which encryption techniques are used to regulate the generation of currency and verify the transfer of funds/services, operating independently of a central bank.

What is a stock?

How do stocks operate?

How are stocks different from cryptocurrencies?