

# "Trade Kings"

## User Documentation

<https://github.com/bsonani/TradeKings>

Software Engineering (14:332:452)

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**Stock Market Research Page:** A user starts by entering the “ticker” of a stock in the search bar and either pressing “Enter” on the keyboard or clicking on the magnifying glass icon on the end of the search bar. The site will then load a page populated with all the pertinent info for the stock, broken into six segments: Current share price and graph, “General Information”, “Financials”, “Overview”, “Related News”, and “Similar Equities”. On the top of the page, the Name, Ticker, Current Share Price and Movement (Up/Down) is given for the particular stock with a graph showing the change in its share price from the beginning of the year till the present. The user can hover over the plot to see the price at various points over the timeline. The Financials and Overview sections provided important data about the company, such as the Market Capitalization, (“Mkt Cap”), Revenue, Net Income. P/E Ratio and much more. The General Information section gives basic information about the company as well, but it also includes the main website of that company, if applicable. The user can click on this link and will automatically be taken to that website. Similarly, the Related News section displays links (Titles of the Articles) to various articles and websites that are relevant to the stock. The user can click on any of these six links as well and the article will automatically be loaded. A user can tell if a line is a clickable link, because its color will be blue as opposed to the normal black text. Finally, the Similar Equities section provides the ticker names for five stocks that are similar to the current company that is being looked at. The user can use these ticker names and search up those stocks as well.

**Cryptocurrency Market Research Page:** Similar to the stock market research page, a user starts by entering the “ticker” of a cryptocurrency in the search bar and either pressing “Enter” on the keyboard or clicking on the magnifying glass icon on the end of the search bar. The site will then load a page populated with all the pertinent info for the stock, broken into three segments: Current value and graph, “Overview” and “Related News”. On the top of the page, the Name, Current value (per unit) and Movement (Up/Down) is given for the particular cryptocurrency with a graph showing the change in its value throughout the current day. A user can move the cursor and hover over the plot to see the different values at different times throughout the day. The Overview section provides important data about the cryptocurrency such as open, high, low, volume traded, circulating supply, and market capitalization. Finally, the Related News section displays links (Titles of the Articles) to various articles and websites that are relevant to the cryptocurrency. The user can click on any of these six links as well and the article will automatically be loaded. A user can tell if a line is a clickable link, because its color will be blue as opposed to the normal black text.

**League Page:** When a user clicks on the “League” tab, a list of the current leagues that the user is in will be displayed, showing the League Title, the user’s net worth in the league, the maximum number of players allowed in the league, and the current number of players in the league. In order to be part of an additional league, the user has two options that he/she can click on: “Create League” or “Join League”. If the user clicks “Create League”, then a page is loaded where the user can choose all the settings of the new league that the user will become a League Manager of. These settings are the title of the league, the initial amount of capital (in USD) that each player will be allotted, the League Mode (a drop down menu), the League Size (maximum number of players), and Publicity (choosing between Public and Private options). Once the user is done, he/she can click on the “Create” button and if there were no error with the settings inputs, then the League will be created. If the user clicks “Join League” instead, then a page listing all of the active leagues (with open spots) will be loaded. The user can either click “Join” next to a Public League, or click “Request Invite” next to a Private League, in which case an email will be sent to the League Manager of that Private League, who can decide whether or not to allow the user to join.

**Trade Kings Forum:** When a user clicks on the “Forum” tab, a page will load displaying the current forum threads, showing the Forum Post’s topic, creator, and number of views. The user can view the thread by clicking on the Topic Name for a respective post (Topic Name will be in blue). From there, a page will load showing the forum post. Above the post will be a button that says “Reply”, where the user can leave a comment on the post. When the user clicks “Reply” a new page will load with a text box where the user can enter the comment and then click on “Post” below the text box to submit the comment. The user can create a new forum post on the “Forum” tab by clicking “Post Topic”. From there, a new page will be loaded with two text boxes. The first text box will be for the user to enter the title of the post, and the second text box will be for the content of the post (the actual post itself). Once the user is done typing, he/she can click on the “Post” button below to submit it. The user can also select the “members” tab from the forum home page to view other member on the forum. The “My Account” tab can be selected as well to view one's personal account only accessible to them. Also, on the home page a member can select a “member” tab and then select a user’s email in order to view other user’s publically accessible profiles.

**Educational Content Tab:** When the user clicks on the “Educational Content” Tab, a page will load displaying text regarding financial knowledge relevant to investing on Trade Kings. A user can either simply scroll down the page to read all of the content or can click on the appropriate entry in the Table of Contents on the left of the screen, which will automatically scroll the screen to that part of the page.

**User Registration/Login Page:** If the user is already registered, he/she can login to his/her account by entering the email address and password used when registered. Additionally, the user can choose to save the password, by check marking the box underneath. By saving the password, the user does not have to re-enter his/her sign-in information every time. The user can also register an account on the right side of the page, by entering the First Name, Last Name, Email address, and password, and then clicking “Register” below. Once the user clicks “Register”, a verification email will automatically be sent to the email address entered, confirming the user’s registration.