

BEARS & BULLS

Investing Simplified

Technical Documentation

332:452:01 Software Engineering

GROUP 6

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Technical Documentation

about.php - Simple HTML page that displays information about the Bears & Bulls app.

AppInfo.php - Class that provides static utility methods that are used by various other pages for things such as connecting to the Facebook API.

createfund.php - Contains the front-end code for creating a hedge fund.

CreateLeague.php - Page that contains the form that allows the user to create a league. Also contains code that conducts error checking.

createmfund.php - Contains the front-end code for creating a mutual fund.

detailsfund.php - Displays fund information to the user.

detailsleague.php - Displays league information, top investors, and allows users to post comments.

funds.php - Basic HTML page that aids the user in choosing the type of fund that they want to create.

HFundCreate.php - Creates the code for inserting a hedge fund in the database.

history.php - Displays the history of all trades that a user has conducted in a nice, readable format.

index.php - The main landing page for our application. If a user has not added our app on Facebook, they will be redirected to authorize the app. Otherwise, this page will list all of the user's league and fund portfolios and show a snapshot of the market.

investfin.php - When someone accepts or declines an investment to their fund, this code is executed.

investment.php - The page where a fund manager can choose to accept or decline outstanding investments to their fund.

invites.php - Redirects to the Facebook UI for inviting friends, and upon completion, redirects to the index.php page which handles the rest of the invite process.

join.php - Sets up a portfolio for the user in the database if they choose to accept an invite. If they decline, it gets rid of the invite.

joinleague.php - Shows a user all the outstanding invites that they haven't responded to yet and provides them with the options to join, decline, or view more details about each league.

leagues.php - Basic HTML page that informs the user about leagues and directs them to the page that will help them create one.

managefund.php - The page that allows the user to change the settings for an existing fund and updates the database accordingly.

manageleague.php - The page that allows the user to change the settings for an existing league and updates the database accordingly.

MFundCreate.php - Creates the code for inserting a hedge fund in the database.

order.php - Displays the order page for the user to submit a ticket. Also contains code for error checking.

pending.php - Page that displays all the outstanding tickets created by the user that haven't been processed yet.

portfolio.php - Displays the contents of the selected portfolio, including information about each stock such as gains/losses, value, etc.

process.php - Process the order placed by the user and performs error checking and validation (sufficient funds, accurate stock symbol, etc.)

processfund.php - Contains code that inserts an investor's fund investment into the database.

ProcessCreate.php - Sets up a new league in the database using the parameters provided by the user.

research.php - The page that gets displayed for the research page

researchpage.php - Creates HTML that gets injected into research.php that dynamically updates the input fields based on options selected on the research page.

researchstart.php - Creates HTML that gets injected into research.php that includes all

return.php - Contains code that allows a investor to reclaim the money they have invested into a fund.

searchfund.php - Page that allows a user to choose a fund to invest in.

stockquery.php - Uses our Stock Info Provider to display relevant information

style.css - Contains screen styles to make Bears & Bulls look pretty.

transaction.php - Goes through all pending tickets in the database for all users and determines if they can be executed. If so, it does so.

utils.php - Contains some helper functions that were provided by Facebook

viewleague.php - Page that displays all the public leagues on Bears & Bulls and allows a user to join one.

autosuggest_v2.1.3/ - Contains the AutoSuggest jQuery plugin that makes adding the auto-suggest feature used for finding stock symbols possible.

images/ - Folder that contains all the static image assets used by Bears & Bulls

headerfiles/ - Contains php files that are included by other php pages

headerfiles/begin.php - Contains the top header portion of the HTML template that is used on every page that the user interacts with.

headerfiles/datalogin.php - Contains all the code needed to connect to the database.

headerfiles/end.php - Contains the bottom footer portion of the HTML template that is used on every page that the user interacts with.

headerfiles/getfeed.php - Contains a function that creates an HTML output of list elements from the URL to an XML feed passed to it. Used for displaying the latest news on a stock.

headerfiles/stockinfoprovider.php - Fetches stock info from Yahoo! Finance. Contains code for both interacting with the Yahoo! Finance API as well as scraping Yahoo! Finance. Currently it always scrapes as using the API was more unreliable.

html_boxes/* - Contains files with HTML that is injected into the order form page dynamically to update the selectable values.

javascript/ - Contains the jQuery library files

sdk/* - Contains the Facebook PHP SDK provided by Facebook at <https://github.com/facebook/php-sdk>

styles/reset.css - Resets browser default CSS styles to have a more uniform web experience across browsers.