AgriCom Training

Technical Documentation
Team B

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Technical Documentation

Main/1_code/controller/systemController.php - Backend component that controls interactions between the user, API, and database. Most actions are directed here to interact and process information for the user's portfolio information, submitted orders, and aggregating data.

Main/1_code/entity/ - All files in this folder are classes and functions set up for the systemController to be able to access the API, database, and user's portfolio. All entity classes mirror the corresponding MySQL data table they are named after.

Main/1_code/index.php - Main portfolio page where users can see their current portfolio, accounts funds, and account balances.

Main/1_code/orders.php - Screen at which all stock history is seen and orders are made. Fetches commodity price updates from the API, as well as commodity price history from MySQL database, and displays them in chart and table form for easy viewing. This is done using the systemController.php to reference functions. Order tickets are created and submitted via an iFrame located within this page.

Main/1_code/navbar.php - This file is essential in that it is the one that holds the information for the navigation bar that is shown on all of the pages of the website.

Main/1_code/orderTest.php and Main/1_code/apiTest.php - Both of these files are tests to make sure that each of the relevant actions are working correctly. The orderTest.php makes sure that the user can successfully place a buy or sell order while the apiTest.php tests to ensure that the API can be accessed without issue.