

# Rutgers University Investing

## Technical Documentation

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## Technical Documentation:

**target\_endpoint.php** – Backend API component. Used to initiate database actions from the buy and short pages. Grabs prices from the Yahoo Finance API and retrieves balance from database itself so that this info cannot be tampered with.

**custom/portfolio.php** – Main portfolio page, used by a user to view their current stock portfolio and to track its net worth.

**custom/buy.php** - Screen by which all user stock purchases are made. Grabs stock prices from Yahoo Finance and displays them live. Passes all trade requests to target\_endpoint for completion.

**modules/on\_login\_module/on\_login\_module.module** – Initializes user entries in our custom database upon account creation. Namely adds entries to the user\_stats table and the profile\_data table.

**modules/on\_login\_module/on\_login\_module.info** – Used by Drupal to add custom modules to the module administration system. Contains a description of the modules function.

**modules/net\_worth/net\_worth.module** - Custom module used to update the net worth of every user's portfolio, based on current stock prices. This functionality is triggered by a cron job that can be set to run at any desired frequency. This data needs to be updated for the portfolio page and for the leaderboard.

**modules/net\_worth/net\_worth.info** – Used by Drupal to add custom modules to the module administration system. Contains a description of the modules function.