

# Finance

# TODO

- register
- quote
- buy
- index
- sell
- Personal Touch

register

# register

- When requested via **GET**, should display registration form.
- When form is submitted via **POST**, insert the new user into **users** table.
- Be sure to check for invalid inputs, and to hash the user's password.

quote

# quote

- When requested via **GET**, should display form to request a stock quote.
- When form is submitted via **POST**, lookup the stock symbol by calling the **lookup** function, and display the results.

buy

# buy

- When requested via **GET**, should display form to buy a stock.
- When form is submitted via **POST**, purchase the stock so long as the user can afford it.



index

# index

- Display a table with all of the current user's stocks, the number of shares of each, the current price of each stock, and the total value of each holding.
- Display the user's current cash balance.

sell

# sell

- When requested via **GET**, should display form to sell a stock.
- When form is submitted via **POST**, sell the specified number of shares of stock, and update the user's cash.

history

# history

- Display a table with a history of all transaction's, listing row by row every buy and every sell.

# Personal Touch

# Personal Touch

- Allow users to change password.
- Allow users to add cash.
- Allow buying or selling stock from the index page.
- Add password complexity requirements.
- ...



# Finance