

Project Update CSCI 3010

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1 Change Report

1. Will use Travis CI instead of Jenkins for testing
2. Changed the database to a simpler more intuitive model

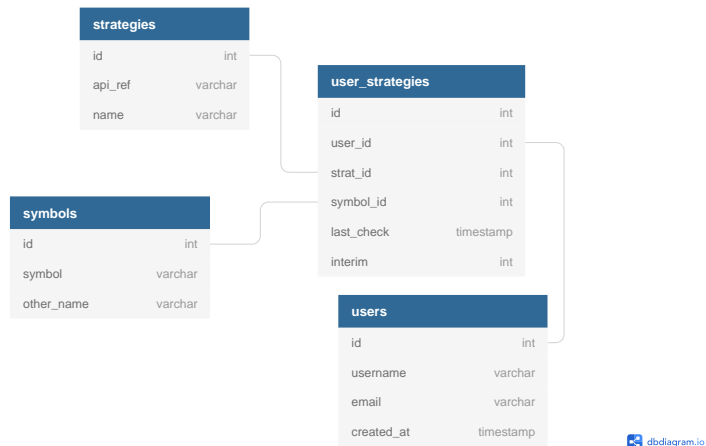


Figure 1: New Data Model

2 Status Report

I have successfully built the foundations for my app. I set up the test framework with Travis CI, and initialized the database, and I have a functional log in and sign up page which stores users and their strategies in the database. Below are screen shots of signing up, logging in, and interacting with the database. I still need to do some more encapsulation work on the back end side for users, but I was able to implement the `DbConnection` class as a singleton as planned.

The screenshot shows a web browser window with the address bar displaying 'localhost:5000/auth/register'. The page has a dark header with a 'TraderPro' logo and navigation links: 'Home', 'Available Strategies', 'Signup', and 'Login'. The main content area is titled 'Register' and contains the following form fields and options:

- Email address:** A text input field containing 'test@test.com'. Below it, a small note reads: 'We'll never share your email with anyone else.'
- Username:** A text input field containing 'test user'.
- Password:** A password input field with four dots '****'.
- STOCHASTIC:** A checked checkbox. It includes a 'Symbol' dropdown menu with 'SPY' selected and three radio button options: 'daily' (selected), 'weekly', and 'monthly'.
- BOLLINGER:** A checked checkbox. It includes a 'Symbol' dropdown menu with 'SNP' selected and three radio button options: 'daily', 'weekly' (selected), and 'monthly'.
- MACD:** An unchecked checkbox.

Figure 2: User Registration

The screenshot shows a web browser window with the address bar displaying 'localhost:5000/auth/login'. The page has a dark header with a 'TraderPro' logo and navigation links: 'Home', 'Available Strategies', 'Signup', and 'Login'. The main content area contains the following form fields and a button:

- Email address:** A text input field containing 'test@test.com'. Below it, a small note reads: 'We'll never share your email with anyone else.'
- Password:** A password input field with four dots '****'.
- Submit:** A blue button with the text 'Submit' in white.

Figure 3: Log In

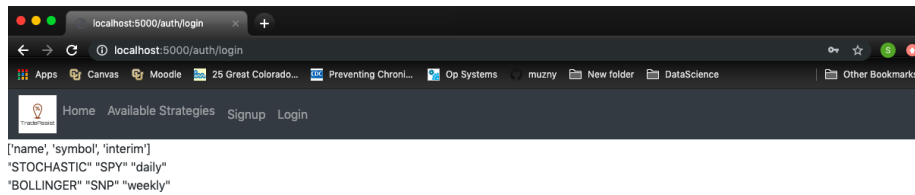


Figure 4: Displays the strategies back to logged in user

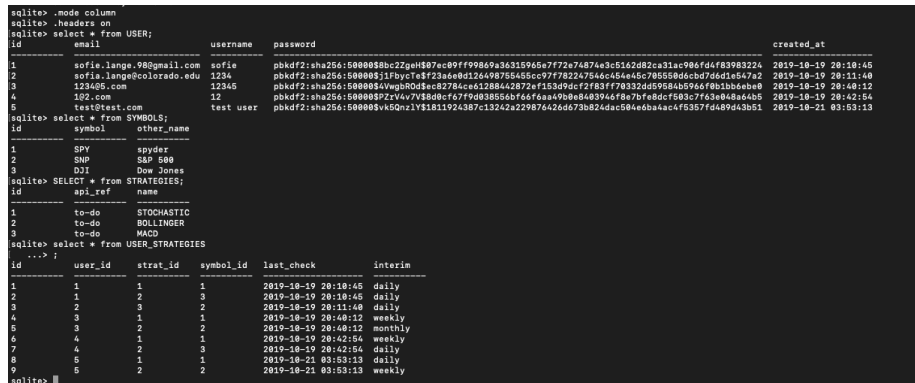


Figure 5: Database with user and strategies added above

3 Plan for next checkpoint

My plan for the next checkpoint is the same as what I outlined in the original proposal. By the next checkpoint I will be able to make the API requests to get the necessary info for the strategies, and send emails from the app to users who need to be notified.