Abstract

We are writing on behalf of all our fellow investors when we say that we need a sort of mechanism to motivate investments into the stock market and away from conventional form of securities which give out a meagre return of 7-8% yoy in comparison to former’s spectacular 15%. We wish to develop a tool called the Fantasy Stock Exchange which is a web based game that simulates a virtual stock world, creating an interwoven network of keen stock investors, through which they trade real-world stocks without the risk of losing real money.

This fiscal tool gives the investors a chance to try newer strategies and compare it with fellow investors. Whether the investor is new to the financial markets or a stock investing guru, this is a powerful mechanism to build skills, to refine strategies, and to gain important investing experience.

Our goal, here at Future Markets, Inc., is to develop such an application. I propose a web-based stock market fantasy league, where users and investors can trade fantasy stocks using virtual money in a similar way they would trade stocks in the real stock markets.

Our aim is for prospective investors to make the most out of our web application which mirrors the real stock marketplace. To utilize our application, a web user must complete a quick and easy registration process to create his or her private stock portfolio. Then, the registered user (referred as investor from here) is bestowed with $100,000 of virtual money. Now, the investor can begin playing by choosing among several options. He or she can just simply join a game that is already in progress (or he or she can create his or her own games or wait to be invited to a specific game). In any case, the investor is let loose in our virtual stock market; he or she can buy, sell, and modify his or her stock portfolio as he or she wishes. As the investor trades, our web application should keep track, update the portfolio and inform him or her about these updates. Moreover, our web application should provide real time updates of investor’s portfolio and as well as the virtual market through actual stock data from trusted and reliable external vendors. This can be performed by storing data in a database and by updating the database at regular intervals. These updates must be quick and reliable. One can maintain speed and consistency by keeping a simple mechanism for persistent data storage. For example, a single database that holds both the stocks in the market and the investor’s portfolios can be updated with ease than updating several databases.

Needless to say the information and portfolio of a particular investor will remain hidden from other user and utmost care will be taken to prevent leaks.

Through this platform we would also like to encourage various advertisers to publish information about the products they offer. It creates a perfect environment for investors to experiment, strategize and compete – all without the risk of losing the hard earned money.