

Chapter VI

Conclusion

6.1. Conclusion

The conclusion of this final project to generate predictions for 1 day and a few days in the future. Users can also understand the predictions in the future. Thus users be facilitated to know the stock price will go up or down. Furthermore by implementation Least Square Algorithm, can predict the price of stocks in the tomorrows, although not exactly. In addition the user will be able to price the stock recommendations based on output in the form of a graph line and bar.

6.2. Further Research

For the future, this program can be used not only the stock price of Indosat Tbk. can also stock price data, Telkomsel, XL, etc. But still taken from *finance.yahoo.com* and take the Historical Prices. Stock data also remains raken in real-time. But outside of that program is already pretty good and right in the application of the Least Square Algorithm, algorithm have been very suitable for stock prices. Keep using the table analysis and then to the main formula of Least Square Algorithm.

Already been added also the predictions of stock within a few days, whether it's a week, 2 weeks, 3 weeks, 1 month etc. For more output in the visualize via graph other than line and bar. Such as graph pie can also be shown as the output of this program. Of course the graph could not use the *highcharts.com*, can be made from scratch or use other libraries. Additionally the longer program can help users to know the approximate price of the stock. The downside of this program still lacking for the election next year, arguably still could not display the new year. Overall this program has been very good to use.