

LIST OF FIGURES

Figure 2.1. Candlestick Component.....	7
Figure 2.2. The architecture of (a) LSTM and (b) BiLSTM.....	9
Figure 2.3. The architecture of (a) GRU and (b) BiGRU	11
Figure 3.1. System Design of Building Model	12
Figure 3.2. Example of historical stock price obtained from yahoo finance	13
Figure 3.3. Result of dropping irrelevant feature: Date, as part of Data Cleaning	15
Figure 3.4. Processing Design.....	17
Figure 3.5. Model Architecture	19
Figure 4.1. Visualization of predicted and actual value of gold stock using BiGRU-BiLSTM model.....	26
Figure 4.2. Visualization of predicted and actual value of apple stock using BiGRU-BiLSTM model.....	27
Figure 4.3. Visualization of predicted and actual value of silver stock using BiGRU-BiLSTM model.....	29
Figure 4.4. Visualization of predicted and actual value of oil stock using BiGRU- BiLSTM model	31
Figure 4.5. The candlestick chart for Actual and Predicted Price in Silver Stock	33