

## LIST OF FIGURES

Figure 2.1. The standard architecture of CNN [19].	8
Figure 2.2. The process that occurs at the convolutional layer.	9
Figure 2.3. CNN pooling process.	10
Figure 2.4. Neural network structure in the RNN.	11
Figure 2.5. Find the desired direction when changing [41].	15
Figure 3.1 Flow Chart of Research Methodology.	17
Figure 3.2. System Design.	19
Figure 3.3. Example of Case Folding.	20
Figure 3.4. Sample of Tokenization.	21
Figure 3.5. CRNN configuration in the previous method.	22
Figure 3.6. CRNN configuration in the proposed method.	22