ABSTRACT

Threats can come from anywhere even from the social media, and it is also part of hate speech. Because of threat, anxieties and fears arise which ultimately will increase our awareness of a threat. A threat can come in any form, whether it is a threat of kidnapping, threat of violence, or threat of murder. In general, someone who do an act of threat, his identity will remained anonymous and mysterious. The Ministry of Communication and Information reminds the public to always be careful in doing or acting recklessly on the social media, and not carelessly spread a threat related to something or someone. Because an act of threat can be ensnared by the Law of Information. In the ITE Law, there are rules in the social media. So that the users of social media cannot uploads that contains a threat carelessly, or intimidation even persecution.

In this Final Project, the author designed a website application to detect a threat utterances on Twitter social media. In this design, the authors use a method from machine learning, named Support Vector Machine. And the results of the program on the threat speech detection system on Twitter posts maded to get an accuracy of73 %, precision of 72%, recall of 62,67%, f-1 score of 61,16%.

Keywords: *threat, social media, machine learning, Support Vector Machine*