## DECLARATION

I hereby declare that I carried out the work reported in this thesis in the Department of Information Science under the Faculty of Information and Communication Technology, University of Technology (Yatanarpon Cyber City), under the supervision of Dr Yi Yi Hlaing. I solemnly declare that to the best of my knowledges, no part of this thesis has been submitted here or elsewhere in a previous application for award of a degree. All sources of knowledge used have been duly acknowledged.

..……

29th October 2019

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## APPROVAL

This is to certify that the B.E thesis titled **"PERSONALITY PREDICTION USING SUPPORT VECTOR MACHINE"** carried out by **ZWE HTET PAING, 6IST-70** has been read and approved for meeting part of the requirements and regulations governing the award of the degree of Bachelor of Engineering (Information Science and Technology), Department of Information Science under the Faculty of Information and Communication Technology, University of Technology (Yatanarpon Cyber City), Myanmar.

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# ABSTRACT

Use of social networking has increased tremendously in recent times. It has become popular method for information distribution and social interaction. Personality has been considered as the most difficult human attribute to understand. It is very important as it can be used to define the uniqueness of a person. Personality detection from text means to extract the behavior characteristics of authors written the text. Personality detection models could be very useful in various domains like e-learning, information filtering, collaboration and e-commerce by a user interface that adapts the interaction according to user's personality. This thesis presents a method by which a user's personality can be accurately predicted through the publicly available information on their Twitter profile using Support Vector Machine (SVM). Twitter is a popular social media platform with millions of users. The tweets shared by these users have recently attracted the attention of researchers from diverse fields. This thesis focuses primarily on predicting user's personality from the analysis of tweets shared by the user.

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