

## UNIVERSITITEKNOLOGIMARA

# STOCK PRICE VOLATILITY OF TECHNOLOGY SECTOR IN MALAYSIA

## NUR AIMAN DIYANA BINTI MOHD GHAZALI 2016653354

Final Year Project Paper submitted in fulfillment of the requirements for the degree of Bachelor of Business Administration (Investment)

Faculty of Business and Management

**June 2018** 

#### **AUTHOR'S DECLARATION**

I declare that the work in this final year project paper was carried out in accordance with their regulations of University Technology MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Undergraduate, University Technology MARA, regulating the conduct of my study and research.

Name of Student : Nur Aiman Diyana Binti Mohd Ghazali

Student I.D. No. : 2016653354

Programme : Bachelor of Business and Administration (Hons)

Investment.

Faculty : Business and Management

Thesis : Stock price volatility of technology sector in Malaysia

Signature of Student :

Date : June 2018

#### **ABSTRACT**

This research paper is conducted to study the effect of, the Bursa Malaysia technology index caused by the changes of interest rate, gross domestic product, inflation rate and exchange rate. In the background of the study, this research paper will discuss about the relationship dependent variable and independent variables of the research. A total of 5 variables is selected to conduct this research, namely Technology stock price using Bursa Malaysia technology index, foreign direct investment, gross domestic product, exchange rate and inflation rate. The data use for the variables chosen is on a quarterly basis for the year 2000 to 2017.

## LIST OF FIGURES

FIGURE		PAGE
Figure 1	Research Framework	23
Diagram 1	Jarque-Bera	41

## LSIT OF TABLES

TABLE		PAGE
Table 1	Argument Dicker Fuller	33
Table 2	Covariance Analysis	34
Table 3	Regression Result	35
Table 4	Heteroskedasticity Test: White	39
Table 5	Ramsey Set Tes	40