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ABSTRACT

Automated Enforcement System (AES) is implemented to reduce the number of fatalities on Malaysian roads. Currently, the system is being implemented to reduce cases of speeding and red light running. This study intends to investigate the effectiveness of AES implementation among road users in Malaysia. The data provided from organization (MIROS) where the previous research was conducted by Puan Maslina titled “The public perception and acceptance of implementation of AES”. There were 1075 respondents obtained from Klang Valley and Perak region. The data were analyzed using Statistical Package for Social Science version 18 (SPSS 18.0) and Structural Equation Modeling (SEM) via the Analysis of Moment Structure (AMOS 18) software. The result showing that there was mean difference in perception between before and after of AES implementation among road users. In addition, variable gender moderates the relationship between the perception of being caught and perception of AES implementation. This study can be guideline for the researcher to make some improvement and enhancement for future research in this area.

Keywords: perception of being caught (POBC), AES implementation, Structural Equation Modeling (SEM), perception.

TABLE OF CONTENT

ACKNOWLEDGEMENT	i
ABSTRACT	ii
TABLE OF CONTENTS	iii
LIST OF TABLES	iv
LIST OF FIGURES	vii
LIST OF ABBREVIATIONS	x
CHAPTER ONE : INTRODUCTION OF COMPANY	
1.0 Introduction	1
1.1 Background of MIROS	2
1.2 MIROS Vision and Mission	2
CHAPTER TWO : RESEARCH PROJECT	
2.0 Introduction	3
2.1 Background of Study	3
2.2 Problem Statement	5
2.3 Research Objectives	6
2.4 Research Questions	6
2.5 Research Hypothesis	7
2.6 Significance of Study	
2.6.1 To the researcher	8
2.6.2 To the organization (MIROS)	8
CHAPTER THREE : LITERATURE REVIEW	
3.0 Introduction	9
3.1 Automated Enforcement System (AES)	9
3.2 Public Perception and Acceptance	12
3.3 Perception of Being Caught (POBC)	13
3.4 Summary of Literature Review by Previous Researcher	15

CHAPTER FOUR : METHODOLOGY

4.0	Introduction	
4.1	The Data	
4.1.1	Sources of data	16
4.1.2	Description of data	17
4.2	Producer of Data Analysis	
4.2.1	Data mining	20
4.2.2	Frequency distribution	20
4.2.3	Reliability analysis	21
4.2.4	Hypothesis testing	21

CHAPTER FIVE : ANALYSIS AND FINDING

5.0	Introduction	28
5.1	Data mining	29
5.2	Frequency Analysis	
5.2.1	Demographic variables	33
5.3	Reliability analysis	41
5.4	Hypothesis testing	
5.4.1	Test the hypothesis for mean difference in perception between before and after AES implementation: The dependent two sample t-test	42
5.4.2	Testing hypothesis for mean difference perception after AES implementation of demographic variables: ANOVA	43
5.4.3	Testing the inter-relationship among variable in the study: The Structural Equation Modeling (SEM)	45
5.4.4	Analyzing the moderator for latent constructs: The Multi – Group CFA	57