SELLERS' PREFERENCES FOR ONLINE SHOPPING PLATFORM USING FUZZY AHP

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ABSTRACT

Mostly sellers nowadays are actively selling their products through online shopping platforms since the usage of e-commerce are increased. Many platforms that have been introduced and popular among people in Malaysia such as TikTok, Shopee etc. However, for this study is aimed to help sellers to make decision in choosing the best platform of online shopping that can be used to sell their product. Fuzzy Analytical Hierarchical Process (AHP) were suggested in this study to solve multi-criteria decision-making problems with fuzzy concept. The alternatives that have been chosen to be evaluated are TikTok (A1), Shopee (A2) and Lazada (A3). Those alternatives are evaluated based on seven main criteria: website quality, payment methods, product variety, delivery and guarantee, surrounding influences, experiences and advertisement. Each criterion came along with a few sub-criteria. The results obtained website quality, payment methods and product variety gave a huge impact in choosing the online shopping platforms and the result found that TikTok (A1) is the best platform for sellers in selling their products.

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TABLE OF CONTENTS

		Page
DECLA	RATION BY THE SUPERVISOR	i
DECLA	RATION BY THE CANDIDATE	ii
ABSTR	ACT	iii
ACKNO	OWLEDGEMENT	iv
TABLE	OF CONTENTS	V
LIST O	F TABLES	vii
LIST O	F FIGURES	ix
INTRO	DUCTION OF RESEARCH	1
1.1	Introduction	1
1.2	Background of Study	1
1.3	Problem Statement	4
1.4	Objectives	5
1.5	Significance of the Project	5
1.6	Scope of the Project	6
1.7	Project Benefits	7
1.8	Definition of Terms and Concept	7
1.9	Organization of Report	8
LITERA	ATURE REVIEW	10
2.1	Introduction	10
2.2	Literature Review	10

2.3 Conclusion	14	
METHODOLOGY		
3.1 Introduction	16	
3.2 Research Step	16	
3.3 Conclusion	24	
IMPLEMENTATION	25	
4.1 Introduction	25	
4.2 Implementation of Method	25	
4.3 Conclusion	42	
RESULTS AND DISCUSSION		
5.1 Introduction	43	
5.2 Results and Analysis	43	
5.3 Conclusion	47	
CONCLUSION AND RECOMMENDATION		
6.1 Introduction	48	
6.2 Conclusion	48	
6.3 Recommendations	49	
REFERENCES		
APPENDICES		