

UNIVERSITI TEKNOLOGI MARA

**DEVELOPMENT OF AN IMPROVED CAMPING
TABLE**

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ABSTRACT

A camping table was typically required since it was one of the essential items campers always used to keep food, equipment, and other necessities. Due to its huge and bulky construction, the typical table was not practical for campers to bring to the campsite. This would result in a large amount of space being occupied. Moreover, the uneven surface made it impossible for the campers to locate the table on the ground. Therefore, the purpose of this study was to use the mechanical engineering design process to create a folding, portable camping table that would be simple to transport and assemble. SolidWorks software would be used to develop the modelling for this product. This product was designed with a minimum number of adjustable moving parts but provides sturdy construction. At the end of the study, this product has achieved a foldable and portable camping table that is easy to handle and install.

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TABLE OF CONTENTS

	Page
CONFIRMATION BY SUPERVISOR	ii
AUTHOR'S DECLARATION	iii
ABSTRACT	iv
ACKNOWLEDGEMENT	v
TABLE OF CONTENTS	vi
LIST OF TABLES	ixx
LIST OF FIGURES	x
LIST OF ABBREVIATIONS	xii
CHAPTER ONE : INTRODUCTION	1
1.1 Background of Study	1
1.2 Problem Statement	1
1.3 Objectives	2
1.4 Scope of Work	2
1.5 Significance of Study	2
CHAPTER TWO : LITERATURE REVIEW	3
2.1 Camping Table	4
2.2 Product Dissection of Camping Table	4
2.3 Patent of Study	5
2.3.1 Camping Table A	5
2.3.2 Camping Table B	6
2.4 Benchmarking of Camping Table	6
CHAPTER THREE : METHODOLOGY	8
3.1 Flow Chart	8

CHAPTER FOUR : RESULTS AND DISCUSSION	9
4.1 House of Quality	9
4.2 Product Design Specification	10
4.3 Physical Decomposition	13
4.4 Functional Decomposition	14
4.5 Morphological Table	15
4.6 Design Concept	16
4.6.1 Design Concept 1	16
4.6.2 Design Concept 2	17
4.6.3 Design Concept 3	18
4.7 Pugh Table	19
4.8 Product Architecture	20
4.9 Configuration Design	21
4.10 Parametric Design	24
4.10.1 Failure Mode and Effect Analysis (FMEA)	25
4.10.2 Engineering Analysis	26
4.11 Detail Drawing	27
4.11.1 Detail Drawing	27
4.11.2 Assembly Drawing	28
4.11.3 Exploded View Drawing	29
4.11.4 Bill of Material and Costing	30
4.12 Fabrication of Camping Table	32
4.12.1 Fabrication of Part	32
4.12.2 Final Project	34
4.12.3 Product Testing	35