

ADJUSTABLE LAPTOP TABLE WITH DIY CONCEPT

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TABLE OF CONTENTS

	Page
ACKNOWLEDGMENT	iii
TABLE OF CONTENTS	iv
LIST OF TABLES	vii
LIST OF FIGURES	viii
LIST OF PLATES	ix
LIST OF ABBREVIATIONS	x
ABSTRACT	xi
ABSTRAK	xii
CHAPTER 1 INTRODUCTION	
1.1 General	1
1.2 Problem Statement	3
1.3 Justification of Study	3
1.4 Objective	4
CHAPTER 2 LITERATURE REVIEW	
2.1 Furniture	5
2.2 Furniture Design	5
2.3 Furniture Material	6
2.3.1 Laminated Particleboard	7
2.3.2 Block board	8
2.3.3 PVC Edge Banding	9
2.3.4 Contact Adhesive (CA)	10

2.3.5	Allen key screw and bolt	10
2.3.6	Pin Shelf	11
2.3.7	Set screw	12
2.4	Do it yourself (DIY) concept	12
2.5	Ergonomic	13
2.6	Anthropometry	14

CHAPTER 3 METHODOLOGY

3.1	Material	15
3.2	Method	15
3.2.1	Design Process	15
3.2.2	Final Product Preparation	24
3.2.3	Packaging Process	26
3.3	Data Analysis	28
3.3.1	Manual to assemble the Adjustable Laptop Table with DIY Concept	28
3.3.2	Bill of material (BOM)	29
3.3.3	Questionnaire	30

CHAPTER 4 RESULT AND DISCUSSION

4.1	Introduction	31
4.2	Statistical analysis	32
4.3	Discussion	34

ABSTRACT

ADJUSTABLE LAPTOP TABLE WITH DIY CONCEPT

Functions, design, space, price and material used to build up a furniture were an important features need to be considered by customers. High price and lack of space are some limitations that faced by students at hostel or other customers that live in a small house in buying furniture. So, this study is conducted to overcome those problem by designing an adjustable laptop table with “do it yourself” (DIY) concept for ease of handling, multipurpose function and can be sell at an economical price. In this study, a laptop table was combined with a book shelves by applying modern and contemporary design, that suit with modern lifestyle. Laminated particleboard and particleboard were used as main material, as they have excellent properties such as cheap, good machining properties and light. A set of questionnaires were distributed to seventy correspondents (twenty lecturers and fifty students). Results show that sex of correspondent may influence the rating on types of material used and the application of DIY concept only. Meanwhile, for the effects of correspondent’s profession and phase of age, there are no significant differences on the rating of the product. Overall, this adjustable laptop table is suitable to be commercialized in market.