



اَوْنَبُوْ سَيِّدِيْ تَيَكْنُوْلُوْجِيْ مَارَا
UNIVERSITI
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MARA

MEC 332

MECHANICAL ENGINEERING DESIGN

FINAL YEAR PROJECT

TITLE:

MEMO 1 MECHANICAL SICKLE (SUPER SCYTHER)

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NO.	TITLE	PAGE
1	1.0 INTRODUCTION 1.0.1 ACKNOWLEDEMENT 1.0.2 ABSTRACT 1.1 OVERVIEW OF THE PROJECT 1.2 DESIGN OBJECTIVE 1.3 SCOPE OF PROJECT 1.4 SIGNIFICANCE OF PROJECT 1.5 PROJECT PLANNING 2.0 PROBLEM DEFINITION 2.1 PROBLEM STATEMENT 2.2 NEED IDENTIFICATION 2.2.1 TARGETED MARKET AND ESTIMATION OF MARKET SIZE. 2.2.2 NEED IDENTIFICATION 2.2.3 CUSTOMERS REQUIREMENTS 2.3 PRODUCT DESIGN SPECIFICATION 3.0 LITERATURE REVIEW 4.0 CONCEPT GENERATION AND EVALUATION 4.1 MORPHOLOGICAL CHART 4.2 PUGH CHART 4.3 DECISION / EVALUATION CRITERIA 5.0 EMBODIMENT OF DESIGN 5.1 SCHEMATIC DIAGRAM 5.2 GEOMETRIC LAYOUT 5.3 CONFIGURATION DESIGN. 5.4 LIST OF PARTS 5.4.1 DETAIL PARTS SELECTION	6-13 6 7 8 9 10 11-12 13 14-24 14 15-22 15-16 17-21 22 23-24 25-27 28-38 28-36 37 38 39-46 39 40 41 42 42-44

TABLE OF CONTENT

5.5 ENGINEERING ANALYSIS	45-46
6.0 DETAILED DESIGN	47-62
6.1 ENGINEERING DRAWING DESIGN	47-53
6.2 ASSEMBLY DRAWING	54-56
6.3 EXPLODED DRAWING	57
6.4 BILL OF MATERIAL AND COSTING	58
6.4.1 VARIABLE COST	58-60
6.4.2 FIXED COST	61
6.5 COST ANALYSIS	62
7.0 PROTOTYPING	63-68
7.1 FABRICATION DETAIL	63-64
7.2 PRODUCT MANUAL	65-66
7.3 PRODUCT TESTING	67
7.3.1 TENSILE STRENGTH TESTING	67
7.3.2 DUCTILITY TESTING	68
7.3.3 TORSION TESTING	68
8.0 CONCLUSION AND RECOMMENDATION	69-72
8.1 CONCLUSION	69-70
8.2 RECOMMENDATION	71-72

1.0 INTRODUCTION

1.0.1 ACKNOWLEDEMENT

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Last but not least, we would like to express our sincere gratitude to our Diploma in Mechanical Engineering classmates for their support during the project.

1.0.2 ABSTRACT

Super Scythe is a revolutionary prototype that was inspired by the traditional sickle and grass-cutting machine that people use to cut grass as well as other types of grass. Farmers usually use these tools to clean their farms or maintain a lovely landscape.

We invent and introduce some different to the Super Scythe in terms of safety, materials, and design to fulfil the objective and easier to use in any situation.

The aim is to demonstrate the functionality of the Super Scythe, which incorporates two main features into one completely functional sickle: a sickle and a grass-cutting machine.

When the user applies force to the handle grip, the stick sickle will shift to the right-hand side and then return to its original position on the left-hand side when it reaches the maximum area.

This prototype was created to upgrade the old system to make it more user-friendly and competitive in terms of design by introducing a new adjustable stick that allows the user to alter the length of the stick according to personal preference.

The sickle blade, which is connected to the end of the handle, will mow the grass.

The design that can enhance the design specification was overwhelmingly selected by the majority of people who responded to our survey.

We hope that the presence of the prototype will have a significant effect on people who want to purchase and use our product in the best possible way

