



اَبُو سَيِّدِي تَيْكُو لُو كِي مَارَا
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MEC332
MECHANICAL ENGINEERING DESIGN

PROJECT:

THE CORN PEELER

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ABSTRACT

In this project, a mini machine is invented in the objective of helping people ease their daily job. This mini machine has specifications of more than four components and at least two mechanical components built in. Its maximum weight is to be at 20kg and can be supplied by either mechanical or electrical power source. The mini machine for this project is "The Corn Peeler".

There are four factors that contribute to this project which are people's demand, difficulties in peeling corn, minimizing human energy and producing less time required. Primary data set has been used in housewives, vendors and users from different profession have been targeted. Survey is used to collect data from the respondents selected by using 'Google' form.

Charts were used in analysing the data obtained from the survey. This project has obtained that a number of people demand of a corn peeler machine for them to peel their corn easily. Other than that, they also struggle from peeling their corn during cooking. Moreover, it is proven that people do want to invest on a machine that saves their time and energy in the kitchen or during their work.

Our project shows that it is necessary to produce a mini machine for corn peeling. Design specifications, dimension and material selections were studied before the prototype was built. Testing and finishing were done to ensure the efficiency of the prototype is at its fullest.

TABLE OF CONTENTS

Content	Page
Acknowledgement	2
Abstract	3
Table of content	4-5
List of figures	6
List of tables	7
Chapter 1: Introduction 1.1 Problem statement 1.2 Objective 1.3 Significance of the project 1.4 Project management	8-15
Chapter 2: Design problem definition 2.1 Market Analysis 2.1.1 Targeted market and estimation of market size 2.1.2 Customer needs and identification 2.2 Competitive benchmarking product 2.3 Final product design specifications	16-19
Chapter 3: Concept generation and selection 3.1 Feasible concepts 3.2 Morphological analysis 3.2.1 Concept 1 3.2.2 Concept 2 3.2.3 Concept 3 3.2.4 Concept 4	20-22

3.3 Selection of final concept 3.3.1 Pugh chart analysis	
Chapter 4: Embodiment Design 4.1 Product architecture 4.2 Configuration design 4.2.1 List of parts 4.2.2 Details standard part selection 4.3 Parametric design for custom parts	23-33
Chapter 5: Detail Design 5.1 Engineering drawing 5.1.1 Detail drawings of manufactured parts 5.1.2 Assembly drawings 5.1.3 Exploded drawings 5.1.4 Bill of material 5.2 Costing evaluation 5.2.1 Break even analysis	34-36
Chapter 6: Prototyping and testing 6.1 Fabrication process 6.2 Testing of design: Theoretical calculation and simulations 6.3 Results and discussion	37-40
Chapter 7: Conclusion and recommendation 7.1 Conclusions on designed product 7.2 Future works	41
References	42
Appendices A.1 Figures, tables and standards A.2 Declaration form A.3 Minutes meeting A.4 Completion memo	43