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TITLE: PROTOTYPE OF HOUSEHOLD APPLIANCES
(**AUTOMATIC FOOD COMPOSTER**)
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ABSTRACT

A food composter prototype model which simulates mechanical and electrical performance of an automatic food composter machine has been created. Food is an essential need for every living thing and being consumed everyday. Ironically, food waste is a horrendous problem, not only in this country but same goes to other countries. Thus, in order to reduce the food waste on the landfill, an Automatic Food Composter is introduced. This machine will compost the food waste in within one day and produce organic fertilizer. Other than that, it is improved to shorten the composting process. The composting process involve the heating and turning of the food waste to fasten the process. This machine operates by using the power window motors connected to AC/DC power supply from one side of the machine. Hence, this Automatic Food Composter has a lot of potential in order to enter the market.

TABLE OF CONTENTS

CHAPTER	CONTENT	PAGES
	ACKNOWLEDGEMENT	1
	ABSTRACT	2
1	INTRODUCTION	6
2	DESIGN PROBLEM DEFINITION	9
	2.1 Market Analysis	
	2.1.1 General Need for Product	
	2.1.2 Description and Estimation of Market Size	
	2.1.3 Competitive Products and Benchmarking	
	2.1.4 Opportunity for Competitive Advantage	
	2.2 Physic of the Artifact	
	2.3 Criteria for Selecting Final Design	
	2.4 Final Product Design Specification	
3	CONCEPT GENERATION AND SELECTION	28
	3.1 Feasible Concepts	
	3.1.1 Morphological Chart	
	3.1.2 Concept 1	
	3.1.3 Concept 2	
	3.1.4 Concept 3	
	3.1.5 Concept 4	
	3.1.6 Concept 5	
	3.2 Selection of Final Concept	

	3.2.1 Pugh Chart	
	3.2.2 Discussion	
4	EMBODIMENT DESIGN	44
	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	
5	DETAIL DESIGN	52
	5.1 Engineering Drawing Set	
	5.1.1 Detail Drawing of Manufactured Parts	
	5.1.2 Assembly Drawings	
	5.1.3 Exploded Drawings	
	5.2 Bill of Material and Costing	
6	PROTOTYPING AND TESTING	77
	6.1 Fabrication of Prototype	
	6.2 Testing of Design: Mathematical Models, Simulation and Prototype	
7	CONCLUSION AND RECOMMENDATION	82
	7.1 Conclusions on Designed Product	
	7.2 Future Works	
8	REFLECTION ON THE DESIGN PROCESS	84
	8.1 Strength	
	8.2 Weakness	