



UNIVERSITI TEKNOLOGI MARA

PASIR GUDANG

CAWANGAN JOHOR

MEC 300

**DESIGN, ANALYSIS AND
FABRICATION OF PET FOOD
REFILL.**

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Dissertation submitted in partial fulfillment of the requirements for the degree of
Diploma
(Mechanical Engineering)

College of Engineering

MARCH AUGUST 2022

ABSTRACT

This project is representing the new design of the existed pet product which is food and water dispenser. The automatic dispenser with push button and a servo motor will be presented. People nowadays are getting busier on each day as doing the daily routine and do not have much time on focusing the pet. This report hereby to give the solution to this problems. The main goal of this project is to conserve the energy of the owner and manage the time.

ACKNOWLEDGEMENT

Firstly, I would like to praise Allah for giving me the opportunity to embrace on pursuing my diploma and for completing this long and challenging journey successfully. My gratitude and thanks go to my supervisor, Madam NURUL SAIDATULSYIDA BINTI SULONG.

Finally, this dissertation is dedicated to my parents and not to forget, my family members for the vision and determination to educate me and yet to support me in everything that I did. This piece of victory is dedicated to every each of you. Alhamdulillah.

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CHAPTER 1

INTRODUCTION

1.0 OVERVIEW / BACKGROUND OF THE PROJECT

On this new decade, it is very common that every person from all around the world having pet in the house. The pet that are taking care of requires a lot of necessities as feeding, monthly check up to the vet and cleaning the excrements. In this project one of the machine to feed the pet that has been invented will be improvised. The machine contain food dispenser that used for animals. The food dispenser must prevent the insects that love to crawl all over the food. Other than that, the pet's owner need to figure out on how to protect the pet's food from the bacteria all over the floor and keep the food clean and fresh.

This food dispenser consist the food container. The food container is using for receiving, storing and dispensing which is getting the food out of the container and deliver it to the bowl. Food container consist the outer surface, the interior space, top side, bottom side and the first container opening is at the bottom side as to allow the food to egress from the interior space.

This food dispenser has various types of them. Each type of the designs are completely applicable and convenience. As well as to provide the pet food and drink while the owners are miles away. This automatic refill pet of food and drinker also will discouraging crawling insects from accessing the food storage container so that there is no room for the food to be contaminated.