



Food and water Dispenser for Pets

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Introduction

- The main reason pet owners commit irresponsible deeds when it comes to taking care of their pets is the busy schedule of owners.
- The pets need to have the right nutrition and care to stay healthy and disease free.
- As a solution, an IOT based product can be used to solve the above problem.

Methodology

We have implemented an IOT based water and food dispenser for pets which works with the following methodology

- The pet can approach the module anytime for the water to be dispensed in the bowl
- Users can update the time to open the compartment for food dispensing of pets
- The app provides smart suggestions to pet owners through our app according to their breeds.

Block /Modular Diagram



Problem Statement

It is often observed that people are getting less time to look after their pets hence sometimes their basic needs such as drinking water and food could be neglected. Hence there is a need of a product that would provide the solution to the problem in the most efficient manner

Results and Analysis

- Water is dispensed whenever the pet comes in front of the product
- Water overflow in the bowl is prevented
- The food is Dispensed through the compartments according to user specified time
- BMI calculation through the app.
- Provides information about Veterinary Doctors.

Applications

- Product for fulfilling the basic needs of the pet
- Suggestions to user for the well being of their pet