Pawsitive Care:

Automatic Dog Feeder

Introduction:

    This prototype is made of different combinations of electrical components creating modules with unique functionalities. You MUST first train your dog on how to use it, familiarization of the dog with the gadget is highly <u>RECOMMENDED</u>.

Hardware Specifications:

Item	Specification
Microcontroller	ESP8266, ESP32 CAM
Power Supply	12V DC/ 10A/ 240 W
Size	30.5cm/55cm x 25.5cm x 64cm/55cm (L (container/drawer) x W x H)
Connector	Jumper Wires (M to M, M to F, F to F)

Note:

- It must be powered up with a 220 V outlet or any power source.
- Must be away from any forms of liquid.
- Must be handled with care.

Device/ Prototype:

1. Connect the device to a power source.
2. You must configure the Wi-Fi first for it to connect to the internet.
3. As it gets connected to the internet, the bowl will rotate signaling it's ready to use.

Mobile Application:

1. The loading screen showing the logo will show up first upon clicking the application.
2. You will be asked for your dog's name.
3. Then, you need to choose the correct selection for your dog's breed.
4. Next, select the appropriate age range for your dog.
5. And now, you will get to choose how many meals per day you want to serve for your dog. P.S. There will be a recommended table for food distribution, and it is already verified by an expert.
6. You will now be redirected to the Dashboard in which you can see the icon for Manual Dispensing (Treats) and Manual Disposing of Food.
7. The middle selection redirects you to the Live View in which you can access the camera and control it whatever direction you want.
8. Lastly, the third selection shows you the data and information about your dog.