

Happy Healthy Cat System

By:


Saif Abbas

Khalid Badawi

Supervised by: Dr.Haya Samaaneh

TABLE OF CONTENTS



- 
- 01** INTRODUCTION
 - 02** Solutions
 - 03** Equipment
 - 04** Constraints
 - 05** Future Work



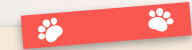


01

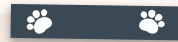
INTRODUCTION



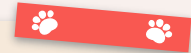
Solutions



Feeding



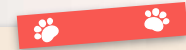
Lightening



**Interactive
play**



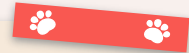
Solutions



Cooling



Cleaning



**Relaxing
Music**





Equipments



**Arduino
Mega**



ESP32



**Stepper
Motor**



Equipments



IR



Load Cell



HX711



Equipments



Ultra Sonic



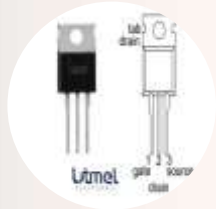
DH11



Limit Switch



Equipments



IRF530N



Relay



12Volt Bulb



Equipments



12Volt Fan



**SD Card
Module**



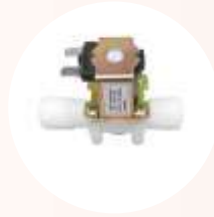
**External
Speaker**



Equipments



**Laser
Module**



Solonoid



**Water
Pump**



Equipments

Vacuum



V slot



Timing Belt



Equipments



TB6600



YS-DIV268N-5A



a4988



Constraints

Limited time

Cost

**Limited
resources**

Accuracy

Future Work




**GPS
Tracking
system**


Security


**Better
Cleaning
System**



THANKS!

Do you have any questions?

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon** and infographics & images by **Freepik**

