Step1: Understand and Define the Problem (Analyse)

My Automated Pet Feeder System is to make the user fed their pet easy when they busy, when they been away and save time and low-cost.

1 The feature

Software: programing language

Hardware: Microcontroller

Alert system

Container and to store food amount

2. Input and output needed

Real-time clock, food level sensor, and weight sensor.

Motor

Alert signal

3. Assumption

Dry food for (Dispense food)

For the memory will delete automatically after 30 days