## Step 4: implement the solution (Word Coding)

1. Start system and load feeding time (06:00,19:00).
2. Check feeding time continuously using Real time clock (RTC).
3. If current time matches feeding time, check food container level:

* If the food container level is >10%, continue to dispense food.
* If the food container level is <10%, send an alert” refill food” to staff and stop the process.

1. Dispense food by rotating the servo motor.
2. Record bowl weight immediately after dispensing.
3. Wait 10 minutes for the pet to eat food.
4. Check bowl weight again:

* If it is unchanged, send an alert “food not eaten”.
* If changed, send an alert “food consumed”.

1. End