**Step4 Implement the Solution (word coding**)

There are 5 variable

1. Real-time clock
2. Food level sensor
3. Weight sensor
4. Motor
5. Alert system

1 on the system

Check the feeding time

If correct time at 8am and 6pm

Check the food level greater than 20 cm the alert system send “no food”

If the food level less than 5 cm the alert system send “full” continue to next step

2 Dispense food

Wait and check the weight bowl change or unchanged

Read the bowl weight

If the bowl weight change send alert “pet has eaten”

If not send alert “food not eaten”

Wait before next check 10 minutes