Step5 Test and Refine he Solution (Debug and Verify)

1 pet eats as expected

Input: When the feed time correct at 8am and 6pm. The system provide motor rotate to dispense food into bowl. The weight sensor shows signal after pet eats 10 minutes

Output: no error alert

2. Pet does not eat

Input: the feeding time correct, and food dispensed the sensor unchanged after 10 minutes

Output: the alert sent “food not eaten”

3. Food bin is empty

Input: the feeding time correct, sensor show container empty. And the motor rotate but no food.

Output: Alert sent “no food “

All the steps are output matched.

The food could be dispense directly by any if needed