Step4: implement the solution (word coding)

Start

1.   Set up the schedule

•   Enter the times you want your pet to be fed.
•   Enter how much food should be given each time.
2.   While the feeder is running:

.   Check the food container
.   If the food is running low:
.   Send an alert to the staff.
.   Keep the feeder closed so nothing spills.
.   Let the staff know immediately (message or notification).
.   If there's enough food:
.   Check the current time against the feeding schedule.
.   If it's not feeding time, keep the door closed.
.   If it is feeding time:
.   Open the door and dispense the food.
.   Wait 20 minutes and check the bowl again.
.   If there's still food left, it means the pet didn't eat:
.   Record how much is left.
.   Send an alert to the staff.
.   If the food is gone, the feeding was successful.

End