**Step 4: Word Coding**

The pseudocode for the flowchart is given below:

1. Start the process
2. Check current time:
   1. If matches with feeding time, then proceed
   2. If not, then wait until the time matches
3. Check food storage:
   1. If “Ok”, then proceed
   2. If ‘Low”, then send “Low Food” and “No Dispense” alert and finish the process
4. Check motor conditions:
   1. If “Ok”, then proceed
   2. If “Not Ok”, then send “No Dispense” alert and finish the process
5. Dispense food
6. Measure bowl weight after dispensing to know the initial weight of the food.
7. Start the eating timer that will let the animals have their meal.
8. After timer ends, measure bowl weight again to ensure if the proper amount of food was consumed.
9. Check if proper amount of food was consumed eaten within allowed time:
   1. If “No”, then send “Not eaten” alert
   2. If “Yes”, then log data into feeding history database

Finish the process