

Step 4: Implementing the Solution (Word Coding)

- Time Reader displays the real-time
 - System checks if it is feeding time.
- If it is feeding time
 - The system will check if there is enough food in stock. If there is not, trigger a low food alert
 - If it is not feeding time, the system waits for 10 minutes and checks again
- If there is enough Food stock
 - Dispense a pre-decided amount of food
 - If not, the system sends an alert indicating low food stock.
- If the Food is not dispensed
 - The system will try the process 2 more times.
 - If, after the 3rd retry, the food is not dispensed, it triggers an alert indicating the issue with the Motor
- Once the food is dispensed, the System waits for 10 minutes
 - After 10 minutes, the system will measure the bowl weight to see if the food has been eaten by the pets.
 - If it is not, trigger an alert that the Food is not eaten by the pet
- If the bowl weight is less than what it was after dispensing the food
 - Display Feeding Complete