

Step 4 – Implement the Solution

1. **Start the system.**
2. **Check the clock.**
3. If it is **not feeding time**, go back and keep checking.
4. If it **is feeding time**, check the food in the hopper:
 - If no food in hopper → **send alert** (“No food”) and stop.
 - If food is available → continue.
5. **Dispense food** into the bowl.
6. Wait for some time (e.g., 10 minutes).
7. **Check if food was eaten:**
 - If eaten → **log “Eaten”** in the feeding record.
 - If not eaten → **send alert** (“Food not eaten”).
8. **End the process** and return to wait for the next feeding time.