**Step 4: Implementing the Solution (Word Coding)**

**Inputs: Tc, Tf, Fl, Fw**

**Outputs: M, B**

**If {Tc=Tf, Then M=ON}**

**Else {M=OFF}**

**Then If {Fw=NOT EMPTY, Then Wait 10 mins}**

**Else {B=ON}**

**Then If {Fl=FULL, Then B=ON}**

**Else Check if Tc=Tf**

Simple English Implementation:

1. If Real-Time Clock time matches feeding schedule:

   a. Rotate Servo Motor to dispense food.

   b. Check Food Weight Sensor.

   c. If food not detected, trigger Buzzer.

   d. Else, wait 10 minutes.

   e. Check Food Level sensor.

   f. If food not consumed, trigger Buzzer.