

Step 4: Pseudocode

Start

Input feeding_schedule // e.g., 8:00 AM and 6:00 PM

IF current_time = feeding_schedule THEN

IF foodbin_sensor = EMPTY THEN

SEND alert "Hopper Empty"

ELSE

ROTATE motor to dispense food

IF motor_status = JAM THEN

SEND alert "Motor Jam"

ELSE

WAIT 10 minutes

IF bowl_weight unchanged THEN

SEND alert "Pet not eating"

ELSE

DISPLAY "Feeding Successful"

ENDIF

ENDIF

ENDIF

ENDIF

WAIT 1 minute // check time again

END LOOP

END