**Step 4: Implement the Solution (Plain English Word Coding)**

1. Start system: Power on and display current time.
2. Set feeding schedule & portion size: Use keypad to input multiple feeding times and portion sizes.
3. Monitor current time continuously: Keep reading RTC (Real Time Clock).
4. When current time matches feeding time:
   * Check if food bin has food.
     + If empty, display alert and stop feeding operation.
   * Activate servo motor to open dispenser valve corresponding to portion size.
   * Use weight sensor to record initial bowl weight.
   * Dispense food by rotating servo motor.
   * Use weight sensor to record new bowl weight.
   * If no weight increase, display and send alert "Food not dispensed."
   * Start timer for pet to consume food (e.g., max 10 minutes).
   * Monitor weight sensor to detect decrease in weight.
     + If no decrease after 10 minutes, alert "Food not eaten."
   * Log feeding event, update LCD.
5. Return servo motor to closed position.
6. Wait for next feeding time.