Step 3: Plan the Solution (Design the Algorithm)

START

Check the time.

Is it 8:00am or 18:00 pm? — No → Wait

Yes

Is there food in the bin? — No →

Yes

Dispense the food from the bin to bowl (rotate for 3 seconds)

Wait for 10 minutes

Did the weight of the bowl change? — No → Send alert to staff

Yes

Log:"Feeding successful"

Log:"Feeding unsuccessfull"

END