Data Table (Step 2)

Inputs/Outputs	Name	Descriptions	Sample Values	Operational Constraints
Input	Real Time Tlock	Tracks current time to trigger meals at scheduled intervals.	08:00, 18:00	Pre-programmed; can store up to 7 feeding times
Input	Food-Level Sensor	Detect whether the food storage is empty or full	Full,Empty	Binary reading only;does not detect partial levels
Input	Weight sensor	Measure the amount of food in the bowl(grams)	0g-500g	Accuracy ±2g; triggers alert if weight change <5g after 10 minutes
Output	Servo Motor	Rotate to dispense food	0°–180°	Requires 12V DC; rotates for fixed portion of time per feed
Output	Alert(Buzzer/SMS)	Notify user of important events or issues	“Food Low”, “Uneaten Food”	On/Off Requires network/power; only critical alerts are sent; no alert history stored