Step2: Organize and Describe the Data

Input

1. Real-time clock
2. Food level sensor
3. Weight sensor under bowl or container

Expected output

1. rotate motor
2. Alert LED or any voice/sound

Every 30 minutes check time

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Type | Sample values | Operational parameters |
| Real-time clock | Input | 8am and 6pm | Check every 30 minutes |
| Food level sensor | Input | 5 cm(full) 20 cm (low) | When alert exceed 12 cm |
| Weight sensor under bowl | Input | 0-100g | Average 500g |
| Rotate motor | output | 1 – 8 seconds | Runtime 5 seconds |
| Send alert system | output | NO/OFF | 120 seconds for per alert |

Data table