|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Type | Units | Notes |
| Feeding time data | Input | Hr hr: min min (hh:mm) |  |
| Current time | Input | hh:mm |  |
| Bowl weight sensor | Input | Grams(g) |  |
| Food storage container level sensor | Input | % of container |  |
| Before fill bowl weight | Input | g |  |
| After fill bowl weight | Input | g |  |
| Servo motor rotation | Output | Rpm, degrees | Doesn’t need to rotate constantly, just to a certain angle to dispense food. |
| Notification sent | Output | LED or buzzer |  |
| Food weight monitoring data | Output | g | Monitors increase or decrease in weight of bowl |