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

Loop forever:

Start Input: Scheduled\_time, Feeding\_time, Real-time, Bin\_full, Bowl\_full

Check if the food bin is full. If not, turn warning light on.

If the bin is full, check if it's feeding time and the bowl is not full. If yes, the servo will turn on and fulfill the bowl with food, changing its status to bowl full.

If the bowl is still full 15 minutes after the scheduled time, turn warning light on.

**GitHub repository link**

The link for my repository is show bellow

<https://github.com/KennySousa224/pet-feeder-project>

**References**

* Lipovski, G. J. (1999). *Introduction to microcontrollers: Architecture, programming, and interfacing of the Motorola 6812*. Academic Press.