# PART 3

## AI Agent Integration

These are the 2 prompts that I used from the recommended list:

1. **Refine your logic or Word Code:** Ask Copilot to review your Step 4 implementation and suggest improvements or identify potential issues.
2. **Reflect on ethics and limitations**: Use Copilot to explore the ethical implications of using AI in automated pet care or discuss the reliability of AI-generated suggestions.

Upon delivering the first prompt, it gave me detailed critique of my word-code. The AI model told me I would have to use consistent names like Real\_Time and replace my unclear weight range with a clearer one. It also suggested that I reuse code for the buzzer and wait times, and add LED indicators for when the feeder is on, dispensing or stuck.

The feedback from the second prompt emphasized that this system is meant to augment, not replace, human care, and that I need to be careful about considerations like sensor failure and rigid logic. This highlighted the necessity to incorporate a feedback loop in which an owner can override the system. Co-pilot also insisted upon the necessity of an ethical statement, so users would know the potential effects of the system. The summarization of the answer heavily emphasized that owners must remain actively involved in their pet's health and well-being, and that this system is not meant to replace physical presence of the local shelter’s staff.