Reflection on Using AI Assistance

Throughout the development of my Automated Pet Feeder System, I used Microsoft Copilot to refine both the technical and documentation parts of the project. I started with: *"Help me write a proper README.md file"*. Copilot responded with a well-structured template that included sections like project summary, problem-solving steps, repository structure etc. This not only elevated the perfection of my documentation but also enhanced the presentation of my work effectively to both technical and non-technical viewers.

Later, I typed: *"Can you give examples of effective README files?"* and Copilot gave curated links and breakdowns of best practices. This helped me prepare my own README against industry standards and inspired me to include visuals and clearer usage instructions.

The most helpful insight was the way Copilot shaped modular thinking in my word-based code. It helped breaking down logic into tasks with meaningful variable names and comments, which improved readability and made testing easier. It also assisted me reflect on ethical aspects and real-world implementation using Arduino.

Overall, Copilot acted as a collaborative associate—guiding me through documentation, logic refinement, and presentation. It impacted my final solution by helping me think more critically about user experience, system reliability, and how to communicate my ideas clearly.

Github Link: https://github.com/Tasmin223/PetFeeder-Project_Assignment-01