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| Book Name: | **Intelligent IoT Systems: From Research to Real-World Solutions** |
| Manuscript Number: | **Ms\_BPR\_6282.3** |
| Title of the Manuscript:  | **AUTOMATIC PET FEEDER SYSTEM** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript is significant because it shows the alternative low-cost IoT pet feeder compare to the expensive commercial devices. It effectively addressed the problem in real life and utilized the IoT technologies to solve the real-world issues face by pet owner. This study offers a valuable potential solution for smart home automation in improving the animal welfare. Additionally, the modular design and demonstrated performance metrics can further be improved and expand to fill in the gap for future studies that can be incorporated in daily life. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | The title can be further improved to highlight the low cost and integrating with voice command instead of automatic.Example: A Low-Cost Embedded IoT Solution for Automated Pet Feeding with Voice Command Integration |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The strength:* The paper indicate the challenges faced, the main functionality in the IoT embedded system incorporating the voice command and it mentioned on the future recommendation.

Suggestion for improvement:* Usually in the abstract, it need to be concised. It can be achieved by shortening the details of the hardware listing. Suggestion - Keep the ESP32 and voice automated, the rest can be deleted or remove the detail a bit.
* Instead of ending the abstract with future work, highly suggested to conclude with the main contribution. For example: This study illustrates how low cost IoT-based automation can improve pet welfare while also providing accessible smart home solutions.
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| **Is the manuscript scientifically, correct? Please write here.**  | Yes, the manuscript is scientifically correct. It include the design, methodology and related literature review. It also describe on how the feeder operate in detailed with the components involved in building a low cost IoT pet feeder. This study shows credible outcome and contribution to the IoT field for smart home. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | The reference should consists of 60-70% of recent research (2020-2025). Older reference consist of 6 article which contribute to 40%. This indicates that this study have 60% with recent research which satisfies 60-70%. It can further be improved with recent studies which leads to higher percentage. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The manuscript’s English quality is understandable and generally suitable for scholarly communication. |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Nur Dalila binti Abdullah, Malaysia**