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| Book Name: | **Intelligent IoT Systems: From Research to Real-World Solutions** |
| Manuscript Number: | **Ms\_BPR\_6282.4** |
| Title of the Manuscript: | **IoT Enabled Aquarium Automation feeding and Real time monitoring System** |
| Type of the Article | **Book Chapter** |

**PART 1: Comments**

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|  | **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.** | **As aquariums are used to cultivate ornamental fishes but keeping aquarium clean and providing food to fishes is difficult and time taking task. So, to reduce human efforts and labor cost, it is good to do more**  **researches on smart aquariums that can provide automatic feed to fishes. This book chapter will provide**  **knowledge of smart aquarium and automatic feeding as previous researches on smart aquariums have been mentioned in this chapter.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| **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.** | **Yes** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Introduction, please add citations in introduction and add their references as well.**  **iot Its not accurate way of writing, please change it in your chapter and write it like that IoT.**  **As pH represents potential of Hydrogen, so don’t write it like that ph. Accurate way of writing is pH.**  **3. System Architecture, please reread your first line and correct it, it must be which is connected to rather than which is communicated to…**  **2nd paragraph 3rd line essential. water remove full stop…**  **4. METHODOLOGY 2nd paragraph please remove the word display from this line LCD display for local monitoring, As accurate is LCD for local monitoring….**  **2. LITERATURE SURVEY adaptive ai please capatalized AI..**  **5.1. Project Result (Output Screen from Firebase Monitoring), last line please reread it and correct it (it in an understandable manner).**  **5.2. Firebase Integration please correct it esp32, as accurate is ESP32**  **5.2. Firebase Integration, please reread and there are many mistakes**  **IoT based incorrect, accurate is IoT-based…**  **ph incorrect, accurate is pH..**  **value In the… add full stop before starting another line firebase, This …. after comma T of this shouldn’t be capital There are many mistakes reread and correct please..** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention**  **them in the review form.**  **-** | **Yes** |  |

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| **Is the language/English quality of the article suitable for scholarly communications?** |  |  |
| **Optional/General** comments |  |  |

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|  | **PART** | **2:** |  | | |
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|  | | | | **Reviewer’s comment** | **Author’s comment** *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. 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 detail)* |  |

**Reviewer details:**

**Shiffa Ul Ain, Pakistan**