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| Book Name: | **Innovative Solutions: A Systematic Approach Towards Sustainable Future** |
| Manuscript Number: | **Ms\_BPR\_3724.23** |
| Title of the Manuscript:  | **SMART INTELLIGENT INFANT CRADLE** |
| Type of the Article | **Complete Book Chapter** |

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| PART 1: Review Comments |
| Compulsory REVISION comments | Reviewer’s comment | 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | ** The article presents a well-thought-out solution to a real-world problem—helping working parents balance childcare and professional commitments.**** Integrating IoT technologies like sensors, cameras, and real-time monitoring showcases modern technological advancements applied effectively.**** The article mentions sample bias and reliance on self-reported data but does not suggest ways to mitigate these issues. Addressing this with a stronger methodology (e.g., increasing sample diversity or including observational measures) would strengthen the study.**** There is limited discussion on the scope for improvement or future research directions, such as expanding features (e.g., integration with AI for predictive alerts or machine learning for cry analysis).** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **The article provides a significant contribution to the intersection of IoT and childcare. It aligns well with current technological trends and addresses an important social challenge. The proposed intelligent cradle has strong potential for practical implementation, especially in urban settings with high rates of dual-income households.** |  |
| 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 step-by-step explanation of hardware and software components makes the system's functionality easy to understand.**** Descriptions of sensors (sound, wet, temperature) and actuators (motor, fan) are detailed and relevant.** |  |
| **Are subsections and structure of the manuscript appropriate?** |  ** The study design includes both qualitative and quantitative data collection methods (e.g., interviews, questionnaires, observations), ensuring robust analysis.** |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** | **The article contains several grammatical errors, awkward phrasing, and lack of consistent formatting.****Although the article discusses the system's benefits, it lacks concrete data or prototype testing results to support claims including metrics (e.g., success rate, response time, or user satisfaction scores) would enhance credibility.****There is limited discussion on the scope for improvement or future research directions, such as expanding features (e.g., integration with AI for predictive alerts or machine learning for cry analysis).** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** |  **1. Very poor no. of references.** **2. Atleast add more than 15 citation is needed.** |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | The article contains several grammatical errors, awkward phrasing, and lack of consistent formatting. |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with 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 details)* |  |

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| Reviewer Details: |
| Name: | **S. Balamurugan** |
| Department, University & Country | **School of Computer Science and IT, JAIN (Deemed-to-be University), India** |