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| Book Name: | **Innovative Solutions: A Systematic Approach Towards Sustainable Future** |
| Manuscript Number: | **Ms\_BPR\_3724.13** |
| Title of the Manuscript:  | **IoT and Healthcare: An Overview** |
| 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.** | This paper highlights a crucial research area, as the implementation of IoT in healthcare has prolonged effects on improving patient treatment, operational performance, and diagnosis. Its focus on IoT applications like remote monitoring, telemedicine, and AI-assisted diagnostics renders it especially pertinent to the scientific community. By discussing advancements such as 5G integration, it sheds light on opportunities and challenges in this evolving landscape. Overall, the manuscript provides a holistic perspective, although some parts require extensive analysis. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | The title is descriptive but needs to be more specific. I suggest:"Transforming Healthcare through IoT: Current Applications, Challenges, and Future Prospects" to better match the manuscript's scope. |  |
| 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. | While the abstract summarizes well, it is not clear and is rather shallow regarding actual concrete contributions. Suggestions:1) Mention specific IoT applications, such as remote monitoring, which allows users to access real-time data.2) Emphasize key findings or proposals, such as the hybrid 5G-enabled monitoring system. |  |
| **Are subsections and structure of the manuscript appropriate?** | The organization is well-structured and logical, but the transition from one section (applications) to another (challenges) did not flow well. Subheadings for challenges and future directions within Section 2 would enhance readability. |  |
| **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 manuscript is scientifically accurate, providing a sound overview of IoT in healthcare contexts. It consistently recognizes technological trends and challenges, like data security and scalability. However, it could benefit from greater technical rigor by offering quantitative analyses or case studies to back up its claims. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | The references are adequate but somewhat outdated. Adding more recent studies, particularly from 2020 onward, would lend credence. Suggested additions:1) Articles related to 5G in healthcare and IoT integration.2) Recent research on AI-IoT collaboration for medical diagnosis. |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | The language is clear but requires refinement for scholarly communication. Some sentences are repetitive or overly simplistic. Recommendation—proofreading and editing for brevity, clarity, and grammar. |  |
| Optional/General comments | 1) Adding real-world case studies or statistics would provide context.2) Including a section comparing IoT adoption in healthcare across countries could be insightful.3) Visuals, such as charts or diagrams explaining IoT architecture, would also enhance understanding. |  |

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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: | **Praful Nandankar** |
| Department, University & Country | **Government College of Engineering Nagpur, India** |