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| Book Name: | [**Engineering Research: Perspectives on Recent Advances**](https://www.bookpi.org/bookstore/product/engineering-research-perspectives-on-recent-advances-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_6039** |
| Title of the Manuscript: | **Applications of the Internet of Things in Healthcare: A Review** |
| 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 provides a comprehensive review of the applications of the Internet of Things (IoT) in the healthcare sector, consolidating existing knowledge and highlighting emerging technologies, frameworks, and trends. Its relevance lies in offering a systematic overview that integrates technical, clinical, and technological perspectives—particularly valuable for researchers, practitioners, and developers exploring IoT-based health solutions. By expanding upon a previously published journal article, this book chapter adds value through broader contextual analysis, updated references, and enhanced discussion on end-to-end healthcare IoT models. It contributes to ongoing discourse on digital transformation in medicine and serves as a foundational resource for future innovation in personalized, connected healthcare systems.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Suggested title: Advancing Healthcare Systems Through the Internet of Things: A Comprehensive Review** |  |
| 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. | **1. Grammatical Errors**   * **Phrases like “brings into light the current writing” and “utilization of Internet of Things in medical care frameworks” are unclear or unnatural.**   **2. Lacks Structure:**   * **No clear division of: background → problem → objective → methods/coverage → key findings → significance.**   **3. Unfocused:**   * **Includes a mix of generic IoT definitions and unclear healthcare references.** * **Mentions "machine learning" briefly, but without elaboration or relevance in the rest of the abstract.**   **4. Too Broad and Redundant:**   * **Some ideas are repeated or stated in general terms without insight into what this particular paper does uniquely.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, the manuscript is scientifically correct. It accurately presents the core concepts of the Internet of Things (IoT) in healthcare, including remote monitoring, wearable sensors, wireless communication, and health information systems. Technical terms are used appropriately, and relevant literature is cited to support key points. While some sections could benefit from clearer phrasing and deeper explanation, especially regarding machine learning and educational technologies, these do not affect the overall scientific validity of the chapter. Revisions are recommended for clarity, but the content remains technically sound.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references included in the manuscript are generally sufficient and relevant for a book chapter. They cover foundational concepts in IoT, healthcare applications, wearable technologies, and health information systems, with several peer-reviewed sources from reputable journals such as IEEE Access and IEEE Sensors Journal. While some references are relatively recent (up to 2021), a portion of the sources are older and may not fully reflect the latest developments in areas such as edge computing, data privacy frameworks, or AI integration in IoT-based healthcare. To strengthen the chapter’s relevance and timeliness, it is recommended to add a few more recent references from 2021 to 2024. This would improve the manuscript’s currency and ensure it remains aligned with current research trends in the field.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language and English quality of the manuscript is partially suitable for scholarly communication but requires significant improvement. While the manuscript demonstrates a solid understanding of the subject matter, it contains frequent grammatical errors, awkward sentence constructions, and inconsistent academic tone. Informal expressions and repetitive phrasing reduce the clarity and professionalism expected in a book chapter. Additionally, some sections lack smooth transitions, which affects the overall coherence and logical flow of the content. To meet the standards of scholarly writing, the manuscript would benefit from thorough proofreading and language editing to enhance clarity, grammatical accuracy, and consistency in academic expression. |  |
| Optional/General comments | The manuscript provides a broad and informative overview of IoT applications in healthcare, touching on technical frameworks, use cases, and system integration. With revisions focused on language quality, clarity, and the inclusion of recent references, the chapter has strong potential to serve as a useful resource for researchers, educators, and practitioners exploring digital healthcare innovations. Overall, it is a timely and relevant contribution to the field.  Recommendations:  • ✅ Add:  o Specific technologies (e.g., wearables, WSN, HIT systems)  o Purpose and scope of the review  o Mention of the framework/model proposed  o Relevance to current healthcare challenges  • ❌ Remove:  o Overgeneralized phrases like “brings into light the current writing”  o Redundant descriptions of IoT or IT unless directly relevant |  |

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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:**

**Epifelward Niño O. Amora, Philippines**