

Review Form 2

Book Name:	<u>Innovative Solutions: A Systematic Approach Towards Sustainable Future</u>
Manuscript Number:	Ms_BPR_3724.13
Title of the Manuscript:	IoT and Healthcare: An Overview
Type of the Article	Complete book chapter

General guidelines for the Peer Review process:

This Book’s peer review policy states that **NO** manuscript should be rejected only on the basis of ‘**lack of Novelty**’, provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer’s comment	Author’s Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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 importance and significance of this manuscript is good. If it,s properly design by using the full concentration of its title base, then it will be a good paper. But I could’t found any approach of work which will make it slidely different. Many researchers was working on this tilte on covid situation. Their work was quite good and problem statement was clear. So, my request is to the author is to go through your paper again find out the scope and gap and correct that concern issue.	
Is the title of the article suitable? (If not please suggest an alternative title)	The Title of the article is justify	
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.	Abstract length should be within 150-200 words. But in this paper author is not properly mention which things of work he is done, how its working. The agenda of this paper is not clear. I think he should rwrite it in proper way	
Are subsections and structure of the manuscript appropriate?	Subsections and structure of the manuscript is not appropriate	

Review Form 2

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 presents a scientifically robust and technically sound analysis of IoT's transformative role in healthcare. It thoroughly explores various applications, including remote patient monitoring, telemedicine, AI-driven diagnostics, and the integration of 5G technology, demonstrating a deep understanding of IoT's potential to revolutionize the sector. The architectural breakdown is comprehensive, detailing essential layers such as perception, network, and application, alongside cloud and fog computing, which highlights a clear and systematic approach.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	Not sufficient. Please go through this paper also: [1] Venkata Virajit Garabhapa; Sudararaman, “IoT based low cost single sensor node remote health monitoring system; The 7th International Conference on Current and future trends of information and communication technologies in Healthcare; (ICTH2017) [2] Shashidharan R; Abhilash R; Sahana V; Alok N A; Roopa M, “IoT Cloud: In health monitoring System”; International Journal of Science and Technology Research; Volume 9, Issue 01, January 2020. [3] V.M Rohokale; N.R prasrd and R Prasad, “A cooperative internet of things (IoT) for Rural Healthcare and Monitoring and Control” in wireless communication, vehicular technology, Information theory and Areospace and electronic system technology, Second International Conference on, IEEE 2011. [4] Samira Akhbarifar; Hamid Haj Seyyed Javedi; Amir Masoud Rahmani; Mehdi Hossainzadeh, “A secure remote health monitoring model for early disease diagnosis in cloud based IoT environment”; Available on: https://doi.org/10.1007/s00779-020-01475-3. [5] Himadri Nath Saha; Supratim Auddy; Subrata Paul; Shubhamkumar; Shivesh Pandey; Rocky Singh; Amrendra Kumar Singh; Priyasha Sharan; Debmala Ghosh; Sanhita Saha, “Health monitoring system Using IoT”, 2017, 8th annual industrial automation electromechanical Engineering conference (IEMECON). [6] Aishwarya Misra; Piyush Agnihotri, JK Dwivedi, “Advanced IOT based combined remote health monitoring and alarm system” 2018, International Journal of advance research and development (Volume3, Issue 4); Available on: www.ijarnd.com [7] Narasimha Rao Jasti, “IoT based Patient health monitoring system 2017”. [8] Ananda Mohan Singh; Debasish halder; S K Alamgir Hossain, “Remote health monitoring system through IoT”, 5th international conference of informatics, electronics and vision (ICIEV) [9] Charalampos Doukas, “Building Internet of things with Arduino”, Apr 2, 2012; Available on online: https://www.builingintanetofthings.com/wp-content/upolads/imtroduction.pdf. [10] “COVID 19” available on online: https://www.who.net/emergency/diseases/novel-coronavirus-2019. [11] Ch. 5 Sundeep Kumar Subudhi, Intelligent wireless patient monitoring and technology system using sensor network and wireless communication; 2014.	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language on this paper is quite Fair	
Optional/General comments	For Abstract: - Abstract should be written in a single paragraph within 150-200 words. - It was paraphrased For Introduction and others: - It should be written with the mix of objectives and previous work and work should be sectionalized and specified over here - Figure should be original not downloaded version - Figure name should be written properly with source - This paper does not specify the original concept of the paper - lack of resources on the title basis - Must add or modify the concept and content. - The format is not up to date - No data is used over here Upon the basis of all the following comments, Preliminary I am not recommended it to publish.	

PART 2:

	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?	Not Applicable	
Are there competing interest issues in this manuscript?	Not Applicable	
If plagiarism is suspected, <u>please provide related proofs or web links.</u>	Not Applicable	

PART 3: Declaration of Competing Interest of the Reviewer:

Review Form 2

Here reviewer should declare his/her competing interest. If nothing to declare he/she can write “I declare that I have no competing interest as a reviewer”

Maybe. Because I have seen similar work and can be done using libraries.

PART 4: Objective Evaluation:

Guideline	MARKS of this manuscript
Give OVERALL MARKS you want to give to this manuscript (Highest: 10 Lowest: 0) Guideline: Accept As It Is: (>9-10) Minor Revision: (>8-9) Major Revision: (>7-8) Serious Major revision: (>5-7) Rejected (with repairable deficiencies and may be reconsidered): (>3-5) Strongly rejected (with irreparable deficiencies.): (>0-3)	Rejected (with repairable deficiencies and may be reconsidered): (>3-5)

Review Form 2

Editorial Comments (This section is reserved for the comments from book editorial office and editors):

	Author's Feedback

Reviewer Details:

This information is mandatory to prepare the Reviewer Certificate properly.
Certificate preparation will not be possible if incomplete information is received.

Name of the Reviewer	Md Tanvir Amin
Department of Reviewer	Information and Communication Technology
University or Institution of Reviewer	Rabindra Maitree University
Country of Reviewer	Bangladesh
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WhatsApp Number of Reviewer (Optional)	+8801730950550
5-8 Keywords regarding expertise of Reviewer	Power, IoT, Cloud, Information Security, Renewable Energy