

## Review Form 1.7

Journal Name:	<b>Asian Journal of Research in Computer Science</b>
Manuscript Number:	<b>Original Manuscript_AJRCOS_117713</b>
Title of the Manuscript:	<b>Revisiting Blockchain Technologies and Smart Contracts Security: A Pragmatic Exploration of Vulnerabilities, Threats, and Challenges</b>
Type of the Article	<b>Research Article</b>

### **General guideline for Peer Review process:**

This journal'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 guideline for Peer Review process, reviewers are requested to visit this link:

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**PART 1: Review Comments**

	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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>Suggestion and Recommendation: The authors present a technical research paper with relevant topic, proper research methodology and potentially good contribution to the field of studies. The authors are encouraged to resubmit the paper with more clarity on presented performance assessment metrics with the selected relevant Case studies and possible application scenario with assessment metrics. The paper should be written in proper format, figures should fit within the text, use of font should be uniform in all paper, as well as references should be updated with most recent results.</p> <ol style="list-style-type: none"> <li>1. Authors may elaborate more on the novelty/contribution of their work and how it</li> <li>2. Authors need to be specific about their problem statement and the scope of their research.</li> <li>3. Contributes to the literature in the second last paragraph of the introduction clearly.</li> <li>4. Thorough proofreading is recommended.</li> </ol> <p>References: 1. Your references are not listed in good style, as citation style is different from one paper to other. 2. some of your references are not complete please check. 3. Some citations (references) created in wrong manner (Please follow journal's criteria).</p> <p>Authors are encouraged to base on recent references about the current development in blockchain technology. Moreover, technology collaborates with other technologies to create new paradigms, such as artificial intelligence, such machine learning, deep learning, with federated learning. Additionally, some important references have been neglected by the authors.</p> <p>(i) Khan, Abdullah Ayub, Sami Bourouis, M. M. Kamruzzaman, Myriam Hadjouni, Zaffar Ahmed Shaikh, Asif Ali Laghari, Hela Elmannai, and Sami Dhahbi. "Data security in healthcare industrial internet of things with blockchain." IEEE Sensors Journal (2023). (ii) Khan, Abdullah Ayub, Asif Ali Laghari, Muhammad Shafiq, Omar Cheikhrouhou, Wajdi Alhakami, Habib Hamam, and Zaffar Ahmed Shaikh. "Healthcare ledger management: A blockchain and machine learning-enabled novel and secure architecture for medical industry." Hum. Cent. Comput. Inf. Sci12 (2022): 55. (iii) Khan, Abdullah Ayub, Xuzhuo Zhang, Fahima Hajjej, Jing Yang, Chin Soon Ku, and Lip Yee Por. "ASMF: Ambient social media forensics chain of custody with an intelligent digital investigation process using federated learning." Heliyon 10, no. 1 (2024). (iv) Khan, Abdullah Ayub, Asif Ali Laghari, Hela Elmannai, Aftab Ahmed Shaikh, Sami Bourouis, Myriam Hadjouni, and Roobaea Alroobaea. "GAN-IoTVS: A Novel Internet of Multimedia Things-enabled Video Streaming Compression Model Using GAN and Fuzzy Logic." IEEE Sensors Journal(2023). (v) Khan, Abdullah Ayub, Asif Ali Laghari, Abdullah M. Baqasah, Roobaea Alroobaea, Ahmad Almadhor, Gabriel Avelino Sampedro, and Natalia Kryvinska. "Blockchain-enabled infrastructural security solution for serverless consortium fog and edge computing." (vi) Khan, Abdualah Ayub, Asif Ali Laghari, Mamoon Rashid, Hang Li, Abdul Rehman Javed, and Thippa Reddy Gadekallu. "Artificial intelligence and blockchain technology for secure smart grid and power distribution Automation: A State-of-the-Art Review." Sustainable Energy Technologies</p>	

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	and Assessments 57 (2023): 103282.  Other Related Concerns: 1. In the introduction, the scientific problem of the existing evaluation is missing. There should initially be discussed the actual problem and then the research motivation. 2. Please highlight major contributions of this work in this current version, otherwise the current form shows weak/lack of novelty. 3. Please refine the language of this paper, such as avoid we, they, our, and other related words in this paper. 4. Please improve the portion of problem description and problem formulation of the proposed work. Cannot find novelty in the current form.	
<b>Minor</b> REVISION comments  1. Is language/English quality of the article suitable for scholarly communications?	Minor editing is required	
<b>Optional/General</b> comments	N/A	

## 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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

## Reviewer Details:

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