

**Review Form 3**

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	Ms_CJAST_124452
Title of the Manuscript:	<b>Optimization of the Electoral Process with Hyperledger Fabric Blockchain: Real-Time Eligibility</b>
Type of the Article	<b>Original Research Article</b>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> 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>
<p><b>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.</b></p>	<p>The manuscript "Optimization of the Electoral Process with Hyperledger Fabric Blockchain: Real-Time Eligibility" addresses voter eligibility verification and real-time election management concerns, potentially mitigating fraud and increasing public trust in democratic systems. It blends blockchain technology with governance, demonstrating its broader impact on governance and social systems, offering transparency without sacrificing privacy.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>The title "<b>Optimization of the Electoral Process with Hyperledger Fabric Blockchain: Real-Time Eligibility</b>" is clear but can be refined to make it more focused and engaging. While it conveys the key components—optimization, electoral process, Hyperledger Fabric, and real-time eligibility—the title could be more concise and emphasize the core innovation of the research.</p> <p>Suggested Alternative Titles:</p> <ol style="list-style-type: none"> <li>1. "<b>Enhancing Electoral Transparency with Hyperledger Fabric: A Real-Time Voter Eligibility Solution</b>"</li> <li>2. "<b>Blockchain-Enabled Real-Time Voter Eligibility Verification Using Hyperledger Fabric</b>"</li> <li>3. "<b>Optimizing Electoral Integrity: Real-Time Voter Eligibility Verification with Hyperledger Fabric Blockchain</b>"</li> </ol>	
<p><b>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.</b></p>	<p><b>Yes</b>, the abstract of the article is comprehensive <b>but</b> it should effectively summarize the key aspects of the manuscript, including the <b>objective, methodology, key findings</b>, and the <b>contribution to the field</b>.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>Yes, subsections and structure of the manuscript are appropriate.</p>	
<p><b>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.</b></p>	<p>The manuscript "Optimization of the Electoral Process with Hyperledger Fabric Blockchain: Real-Time Eligibility" uses blockchain technology to enhance security, transparency, and tamper-proof records. It uses Hyperledger Fabric, an enterprise-grade blockchain framework, to solve real-world problems like voter eligibility verification. The authors' approach combines cryptographic principles and decentralized system complexities, focusing on real-time eligibility to improve voter validation speed and reliability. This technically sound solution provides a well-grounded solution for optimizing elections.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> =</p>	<p><b>suggestions of additional references</b></p> <ol style="list-style-type: none"> <li>1. V. Langaliya and J. A. Gohil, "Configuration and Implementation of Novel and Safe Methodology for Processing Real Estate Transactions by Utilizing Hyperledger Fabric," <i>SN COMPUT. SCI.</i> 4, 633 (2023)., doi: 10.1007/s42979-023-02099-z.  (Link: <a href="https://doi.org/10.1007/s42979-023-02099-z">https://doi.org/10.1007/s42979-023-02099-z</a> ) <b>(Scopus Indexed)</b></li> <li>2. V. Langaliya and J. A. Gohil, "Innovative and secure decentralized approach to process real estate transactions by utilizing private blockchain," <i>Discov. Internet Things</i>, vol. 3, no. 1, 2023, doi: 10.1007/s43926-023-00041-6.</li> </ol>	

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	<p>(Link: <a href="https://doi.org/10.1007/s43926-023-00041-6">https://doi.org/10.1007/s43926-023-00041-6</a> ) (Scopus Indexed)</p> <p>3. Langaliya, V., Gohil, J.A. (2024). "Implementation of a Novel, Secure Module-Based Architecture for Blockchain-Based Real Estate Transaction Processing." In: Rajagopal, S., Popat, K., Meva, D., Bajaja, S. (eds) Advancements in Smart Computing and Information Security. ASCIS 2023. Communications in Computer and Information Science, vol 2040. Springer, Cham.</p> <p>(Link: <a href="https://doi.org/10.1007/978-3-031-59107-5_22">https://doi.org/10.1007/978-3-031-59107-5_22</a> ) (Scopus Indexed)</p>	
<p><u>Minor</u> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The article's language and English quality are suitable for scholarly communication, with clear academic language, professional tone, and appropriate structure and grammar. The use of domain-specific terminology aligns with academic standards, ensuring effective communication of research findings and arguments to the scientific community.</p>	
<p><u>Optional/General</u> comments</p>	<ul style="list-style-type: none"> <li>• Abstract revision: Ensure all key study components are clearly summarized.</li> <li>• Explanation clarity: Simplify technical explanations, especially regarding blockchain mechanisms.</li> <li>• Conclusion: Emphasize future implications and areas for improvement.</li> </ul>	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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