

Review Form 3

Journal Name:	Journal of Economics, Management and Trade
Manuscript Number:	Ms_JEMT_124533
Title of the Manuscript:	Use Of The Internet Of Things (Iot) And Income Analysis In Broiler Chicken Farming Businesses (Studi In Mangkurawang Village, Tenggara District, Kutai Kartanegara Regency)
Type of the Article	

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PART 1: Review Comments

Compulsory 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>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.</p>	<p>The use of IoT in broiler chicken cages has the potential to increase production efficiency and the supply of chicken meat in the local market. The R/C Ratio value obtained was 1.14, indicating that the IoT-based livestock business is efficient and feasible to develop. The income generated is higher than related production costs, implying that the business is profitable.</p> <p>The agricultural sector, especially livestock farming, plays a crucial role in national development. Broiler chicken farming is particularly promising due to its high nutritional value, affordability, and growing consumer demand. However, traditional chicken care methods can be inefficient and costly.</p> <p>The Internet of Things (IoT) technology offers a solution by automating tasks such as monitoring temperature, humidity, and providing water and medicine. This can improve efficiency, reduce mortality rates, and ultimately increase profits for farmers.</p> <p>While IoT adoption in broiler chicken farming is still limited, its potential benefits make it a promising area for future development.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the title is suitable but bland.</p> <p>Descriptive Titles:</p> <ul style="list-style-type: none"> • IoT-Powered Precision Farming: Maximizing Broiler Chicken Income • Leveraging IoT for Profitable Broiler Chicken Production • Income Analysis and IoT Integration in Broiler Chicken Farms <p>Keyword-Rich Titles:</p> <ul style="list-style-type: none"> • IoT Solutions for Broiler Chicken Farm Efficiency and Profitability • Data-Driven Broiler Chicken Farming: An IoT Perspective • Income Optimization Using IoT in Broiler Chicken Production <p>Catchy Titles:</p> <ul style="list-style-type: none"> • Smart Chickens: How IoT is Revolutionizing Broiler Farming • Cluckin' Good Business: IoT for Broiler Farm Success <p>From Coop to Profit: IoT-Enabled Income Analysis in Broiler Farming</p>	
<p>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.</p>	<p>Will Suggest a rearrangement of sentences</p> <p>IoT improves efficiency and reduces costs: The Internet of Things (IoT) can create a more effective monitoring system, leading to lower mortality rates and production costs in broiler chicken farming.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Increased income and management efficiency: By implementing IoT, businesses can increase their income and improve their management practices. <input type="checkbox"/> Positive financial performance: The research found that an IoT-based broiler chicken farming business can be profitable, with a calculated R/C Ratio of 1.14. <input type="checkbox"/> Challenges in implementation: The complexity of IoT technology and a lack of understanding among workers can hinder its adoption. <input type="checkbox"/> Limited community impact: The study did not find a significant impact on the surrounding community regarding IoT adoption in their livestock businesses. 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	

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<p>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.</p>	<p>I Suggest a comparison table with IOT and without IOT on all the benefits listed along side.</p> <p>Please make it a numeric table with exact values and then it will make a very comprehensive and scientifically researched article promoting IOT usage for Broiler chickens farming.</p> <p>The Role of IoT in Livestock The Internet of Things (IoT) has found a valuable application in the livestock sector, particularly in broiler chicken farming. By connecting various sensors and devices to the internet, farmers can gain real-time insights into their operations and make data-driven decisions.</p> <p>Key Benefits of IoT in Broiler Chicken Farming</p> <ul style="list-style-type: none"> • Efficient Feed and Water Management: IoT-enabled sensors can monitor feed levels and water consumption, ensuring that chickens have adequate supplies at all times. This prevents overfeeding or underfeeding, which can impact growth and health. • Optimal Temperature Control: Maintaining the right room temperature is crucial for broiler chicken growth. IoT-powered thermostats can automatically adjust the temperature based on the needs of the chickens, ensuring a comfortable environment. • Improved Disease Prevention: IoT devices can detect early signs of illness, such as changes in behavior or temperature, allowing farmers to take prompt action to prevent outbreaks. • Enhanced Productivity: By optimizing feed, water, and temperature, IoT can improve the overall health and growth of broiler chickens, leading to higher productivity and increased profits. <p>The Importance of Broiler Chicken Farming Broiler chickens play a significant role in meeting the global demand for animal protein. They offer several advantages:</p> <ul style="list-style-type: none"> • Nutritional Value: Broiler chicken meat is a rich source of protein, essential amino acids, and other nutrients. • Affordability: Compared to other livestock, broiler chickens have a relatively short production cycle, making their meat more affordable for consumers. • High Demand: Due to their nutritional value and affordability, broiler chickens are in high demand, driving the growth of the farming industry. <p>The Growing Broiler Chicken Farming Industry The broiler chicken farming business has experienced rapid growth in recent years, driven by increasing consumer demand. Farms of varying sizes can be found across various regions, from urban areas to rural communities. This expansion reflects the industry's profitability and the potential for sustainable growth</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -</p>	<p>References are sufficient</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>OK</p>	
<p><u>Optional/General</u> comments</p>	<p>Please provide a comparative overall case study of farmer using IOT for broiler chicken breeding and his income levels before and after.</p>	

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

Reviewer Details:

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