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Evaluating Digital Transformation in the Libyan Telecommunications Sector: A Methodical Approach Utilising the (LDT) Model

PART 1: Comments

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|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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 brings significant contribution into digital transformation in the Libyan telecommunications sector, which is still quite underexplored in current research. The proposed Libyan Digital Transformation (LDT) model is well thought out, combining several key areas—customer, technology, organization, and environment. It’s a solid framework that can help both researchers and people working in the field better understand how to approach digital change. The qualitative case study approach also adds depth and helps connect the findings to real-world situations, especially in other developing markets with similar challenges. Overall, I think this study makes a valuable contribution, especially in highlighting how local context really shapes the success of  digital transformation. | Thanks for your comments |
| **Is the title of the article suitable?**  **(If not please suggest an** | Current title, **"Evaluating Digital Transformation in the Libyan Telecommunications Sector: A Methodical Approach Utilising the (LDT) Model,"** adequately reflects | Thanks for your comment. However, we think the title is fitting to our work, as well as other reviewers agreed the title. |

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| **alternative title)** | the core focus of the study, emphasizing both the evaluation aspect and the proposed LDT model within the Libyan telecom context.  However,in my opinion to enhance clarity and highlight the comprehensive nature of the framework, an alternative title could be:  **"A Holistic Framework for Digital Transformation in Libya’s Telecommunications Sector: Development and Application of the (LDT) Model"**  This alternative emphasizes the broader, integrative approach and the model's development alongside its application, which may appeal more to both academic and practitioner audiences interested in comprehensive digital transformation strategies. |  |

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| **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.** | The abstract effectively summarizes the study's purpose, methodology, and key contributions, highlighting the importance of digital transformation in Libya’s telecom sector and introducing the LDT model's framework. It addresses the focus on four contexts—customer, technology, organization, and environment—and provides a clear overview of the study's structure and objectives.  However,in my opinion to enhance clarity and completeness, the following suggestions could be considered:  **Additions:**   * A brief mention of the specific research methods used (e.g., qualitative case study, interviews, surveys) to clarify how data was gathered. * An indication of key findings or insights derived from applying the LDT model, even if preliminary, to give readers a sense of the study’s outcomes. * Signaling the practical implications or potential benefits for policymakers and practitioners in the Libyan telecom sector.   **Deletions:** | Edited as requested |

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|  | * The current abstract is concise and well-focused and no significant deletions are necessary.   **Revised suggestion (example):**  *"This study develops and applies the Libyan Digital Transformation (LDT) model to evaluate digital transformation efforts in the Libyan telecommunications sector. Using a qualitative case study approach, including interviews and surveys with customers, employees, and decision-makers, the research examines four key contexts—customer, technology, organization, and environment—that influence digital adoption. The model aims to provide a comprehensive framework for assessing and enhancing digital initiatives, addressing challenges such as infrastructure limitations, strategic conflicts, and regulatory hurdles. The findings offer valuable insights for policymakers and industry stakeholders seeking sustainable digital growth in Libya."* |  |
| **Is the manuscript scientifically, correct? Please write here.** | Based on the reviewed pages and content, the manuscript appears to be scientifically sound and methodologically appropriate for the study's objectives. It employs a structured  approach, combining qualitative data collection methods such |  |

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|  | as surveys and interviews to develop and evaluate the LDT model within the Libyan telecommunications sector. The inclusion of references to established concepts and frameworks in digital transformation further supports its scientific rigor.  However, a complete assessment of scientific correctness would require a review of the entire methodology, data analyses, results, and discussion sections in detail. From the provided excerpts, there are no evident methodological flaws or inconsistencies. The approach to data collection, cleaning, and analysis seems systematic and well-justified, aligning with qualitative research standards.  In conclusion, **the manuscript appears to be scientifically correct** in its current state, supported by a clear framework, appropriate referencing, and logical structure, provided that the detailed implementation and interpretation of data are also conducted rigorously in the full document. | Thanks for your comments. |
| **Are the references sufficient and recent? If you have**  **suggestions of additional** | No additional references |  |

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| **references, please mention**  **them in the review form.** |  |  |

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| **Is the language/English quality of the article suitable for scholarly communications?** | Based on the provided excerpts, the language and English quality of the article generally appear suitable for scholarly communication. The manuscript demonstrates clear academic language, appropriate technical terminology, and logical sentence structures that facilitate comprehension. However I would recommend thorough language editing or proofreading by a native English speaker or professional editing service would help enhance the overall language quality, ensuring the manuscript meets the high standards expected in scholarly communication. | Edited as requested. |
| **Optional/General comments** | The manuscript presents a relevant and timely exploration of digital transformation within the Libyan telecommunications sector, employing a well-structured conceptual framework (LDT model) that considers multiple contextual factors. Its focus on practical challenges, stakeholder perspectives, and infrastructural issues offers valuable insights into the regional implementation of digital initiatives.  To strengthen the manuscript further, attention should be given to refining the language for clarity, ensuring consistency in terminology, and providing complete references for all cited  works. Incorporating graphical elements such as tables or | Edited as requested |

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|  | figures more effectively could enhance readability and comprehension. Additionally, elaborating on specific case studies or providing comparative analyses could add depth to the discussion.  Overall, with targeted revisions centered on language polishing and expanding certain analytical aspects, this work has strong potential for contribution to the field of digital transformation in emerging markets.   * The manuscript demonstrates a solid understanding of digital transformation concepts, employs an appropriate methodological framework, and provides relevant references, including recent literature.   The contextual focus on Libya’s telecommunications sector adds value and relevance.   * Language quality is adequate but requires some polishing to meet high scholarly standards.   Minor improvements in clarity, coherence, and reference completeness would enhance its quality. |  |

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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?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |