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| Journal Name: | [**Asian Journal of Research in Computer Science**](https://journalajrcos.com/index.php/AJRCOS) |
| Manuscript Number: | **Ms\_AJRCOS\_141519** |
| Title of the Manuscript: | **Fine-Tuning Deepspeech Speech-To-Text Model For Nigerian English And Yoruba-English Code-Switched Speech** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | 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.** |  |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** |  |  |
| 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. |  |  |
| Is the manuscript scientifically, correct? Please write here. |  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** |  |  |
| Is the language/English quality of the article suitable for scholarly communications? |  |  |
| Optional/General comments | The Abstract part is looking good and easily understandable about the research object.  English Writing is good as well.  Research gap section is highly appreciating. It covers the key point for conducting the research.  Dataset is well structured. It could be more significant if the number of samples in this dataset is nearly 1000 or more.  The methodology's key figure is well understandable. If it is done with pseudo code or a flow diagram, it would be more efficient. Sequence diagram is mainly used in software base research.  The number of iteration (5) is ok. It would be more interesting if the author conduct more iteration for more better result.  However, the research is looking good and deserve to publish. | The dataset is limited to its current size of 680 audio clips due to the cost of gathering participants for the study who could speak Yoruba fluently enough to record the Yoruba-English code-switching monologues necessary for training the model.  The Sequence diagram used in the Methodology section has been changed to a flowchart.  The study involved a lot more than 5 iterations, however only 5 showed any improvements in the model’s performance and so the paper focuses on the model’s progress through those 5 iterations.  Thank you. |

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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)* |  |