



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_35445
Title of the Manuscript:	Igala Language Spell Checker
Type of the Article	

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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	It is well known that any basic spell checker has to perform following tasks: 1) Scan text and extract words in it; 2) Compare each word with dictionary; 3) Deal with morphology according to the language peculiarity; It the work provided, the first two steps are more or less completed, but the third one is not even touched ... authors are appealing on importance of spell checkers for Natural Language processing, and not providing any information on Igala Language at all. Main task of NLP is the "understanding" of natural language. Description on the Igala language peculiarities needs to be addressed in the text, in order to understand the whether morphological analysis is beneficial for this particular language or not. It looks to be a "state-of-the-art" spell checker based on dictionary-based techniques applying the similarity metrics to calculate the distance between the target word and possible candidates in the dictionary. The work provided lacks the novelty - what is new authors need to underline. No information on dictionary structure is given just "The table for the speller lexicon was created in MYSQL" – how big it is? Does it result on algorithm performance? Any optimization is considered?	The peculiarity of Igala language and the morphological processes in it has been added. The method of performing morphological analysis adopted for the study is also indicated with reasons. In a previous article published in British Journal of Mathematics and Computer Science, we provided the structure of tables and we were asked to remove it that it was not necessary. That is why we decided not to provide it. The dictionary definitely has a structure. MYSQL has built in B Tree index which is used to improve the speed of search. In this study we took advantage of this feature of MYSQL.
Minor REVISION comments		
Optional/General comments		