

Review Form 1.7

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_97252
Title of the Manuscript:	Classification and Segmentation of Brain Tumor Using EfficientNetB7 and UNet
Type of the Article	Original Research 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:

(<https://www.journalajrcos.com/index.php/AJRCOS/editorial-policy>)

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 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	<ol style="list-style-type: none"> The manuscript is important for scientific community. The title is suitable. The abstract needs improvement. <ul style="list-style-type: none"> What are the limitations of MRI in identifying and characterizing tumors? The statement 'Therefore, using the application of artificial intelligence, is expected to simplify and improve the accuracy of doctor's diagnose.' Is too general and does not relate with the title. Add more information of U-Net and EfficientNetB7. State the result achieved and conclude your achievement. Methodology <ul style="list-style-type: none"> Add a diagram of U-Net and EfficientNetB7. <p>In the result section, it would be better if you can illustrate the architecture besides explaining in detail the design features.</p> <ol style="list-style-type: none"> Yes Only 44% of the references are recent (year 2018-2023). 	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	<ol style="list-style-type: none"> The English needs minor proofread. 	
Optional/General comments		

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)	

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