

### ReviewForm3

Journal Name:	<a href="#">Journal of Advances in Mathematics and Computer Science</a>
Manuscript Number:	Ms_JAMCS_127078
Title of the Manuscript:	Optimal Project Allocation
Type of the Article	

#### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Pleasewrite 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.	The project allocation problem involves assigning a set of projects to a group of individuals or teams in a way that maximizes efficiency, satisfaction, or skill utilization while meeting certain constraints (like time, resources, or preferences). This problem is often tackled in operations research and optimization to find an optimal or near-optimal assignment that balances individual preferences and project requirements.	
Is the title of the article suitable? (If not please suggest an alternative title)	No. Alternative Title: "Comparative Analysis of Greedy, Gale-Shapley, and Score-Based Methods for Optimal Project Allocation"	
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.	Section 1.1 can be modified by adding basics of the Greedy Algorithm, the Stable Matching Algorithm and a Score-Based Allocation Method. Section 1.3 Literature Review consists of study of very few literatures that has scope for improvement	
Are subsections and structure of the manuscript appropriate?	ok	
Pleasewrite 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.	Manuscript is scientifically robust, as it assesses well-established algorithms in the context of project allocation. Each method offers a unique approach: the Greedy Algorithm is efficient but lacks optimality, the Gale-Shapley algorithm ensures stability in matches, and the Score-Based method provides balanced allocations. The comparative analysis of 3 algorithms produces valuable insights into the trade-offs and usefulness of each approach, making the study both rigorous and relevant.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Not sufficient Few references need to be added near about 7 or 8	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	yes	
<b>Optional/General</b> comments	This study is well-suited for understanding the trade-offs between algorithmic simplicity, stability, and fairness, providing valuable insights for practitioners and researchers in resource allocation.	

**ReviewForm3**

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Megha Kishor Kothawade</b>
Department, University & Country	<b>Guru Gobind Singh College of Engineering &amp; Research Centre, India</b>