



MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING

REVIEWER FORM

REVIEWER: (title, academic degree, name and surname)

Affiliation and address:

Title of the paper:

INTEGRATED PRODUCTION SYSTEM ON SOCIAL MANUFACTURING: A SIMULATION STUDY

Type and nature of the paper: theoretical, experimental, review

(underline appropriate or describe)

SPECIFIC EVALUATION

Please rate the following by checking an X in the boxes		Evaluation					
(1 poor, 5 excellent)			3	4	5		
Relevance to the scope of Management Systems in Production Engineering Journal			X				
Appropriateness of abstract as a description of the paper				Х			
Is the paper appropriately organized and are the headings indicative of content?				Х			
Appropriateness of the research/study method			Х				
Relevance of the research results to the scientific development in the paper area			X				
Practical value of the results			Х				
Relevance and clarity of text, drawings, graphs and tables				Х			
Acknowledgement of the others work by proper references				Х			
Reference list, adequate and correctly cited				Х			
Standard of English – please indicate below if you think the paper needs proof-reading							

REVIEWER COMMENTS:

(obligatory)

The article is correct in terms of content. It concerns the interesting issue of social production. The topic of the manuscript

is up-to-date because it concerns COVID-19. The study is mainly theoretical. Correct simulation, correct conclusions. Well-chosen literature. This research was funded by The 2020 Research Grant from The Department of Mechanical and Industrial Engineering, Faculty of Engineering, Universitas Gadjah Mada, Yogyakarta Indonesia. These are the positive sides of the script.

Potentials for improvement:

- ✓ There is no explicit purpose for the manuscript in the abstract.
- ✓ Please consider whether the term "simulation study" is correct? In my opinion, the word simulation or analysis
- ✓ of simulation results is enough.
- ✓ Drawings please enlarge the font of the text if possible.
- ✓ I propose to add the axis names in the chart (Figure 4).
- Figure 4 should not be signed at the top (Entity Activity) because it is signed at the bottom (Simulation results
- ✓ for Entity Activity) and these are different names.
- ✓ Please consider whether the graphs in figures 4 and 5 are correct? Should these be line charts? In my opinion,
- ✓ these should be scatter or bar charts. For example, what does this graph line between the Controller and
- ✓ Spraver mean?
- ✓ I propose to make figures 5 and 6 on a light (maybe white) background.

I don't feel qualified to judge about the English language and style.

I suggest you consider the improvement suggestions and apply them if possible.

Overall, I recommend publishing your article.

REVIEWER RECOMMENDATION	: Can this	paper be	accepted for be	eina published?(underline appropria	ate)
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YES – no changes required

YES - with minor revisions

	YES – With minor revisions	
	YES – with major revisions	
	NOT ACCEPTABLE AT ALL	
(city, date)		(reviewer signature)



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Practical value of the results				Х			
Relevance and clarity of text, drawings, graphs and tables					Х		
Acknowledgement of the others work by proper references					Х		
Reference list, adequate and correctly cited					Х		
Standard of English – please indicate below if you think the paper needs proof-reading					Х		

REVIEWER COMMENTS:

Author of the paper wrote that: "This integrated production system model involves several SMEs, which form a social manufacturing system and produce a medical device, namely the Sanitation Chamber, to **prevent the transmission of Covid-19**" but in conclusion there is lack of such information about how to prevet the covid. I propose to expand the summary.

In the work, the author mentions field observation as a method but does not explain what this method is and when it was carried out, when, by whom and how.

I propose to describe the presented Fig. 1. Social Manufacturing system design and Fig. 2. System model simulation flowchart. The drawings are shown but the content is not characterized.

REVIEWER RECOMMENDATION:	
Can this paper be accepted for being publi	ned?(underline appropriate)
	YES – with minor revisions
(city, date)	(reviewer signature)