

Submission 172

Conference

News

EasyChair

ICUDR 2018 Submission 172


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Submission 172	
Title	A Reliable Offline Web System for Small and Medium Industries
Paper:	 (Mar 19, 07:31 GMT) (previous versions)
Author keywords	Web Offline Service Worker Small and Medium Industries
EasyChair keyphrases	web based system (396), service worker (180), web based application (110), offline web system (79), service worker concept (79), web based technology (63), conventional web (60), offline web (55), online web based system (40), rural area (40), pouchdb adapter (40), reliable offline web system (40), web worker (40), web application (40), web based system development (40), internet connection (40), production process (40), response time (40)
Abstract	The information technology such as web-based systems has been widely implemented in Small and Medium Industries (SMIs) to improve the management and effectiveness. However, the web-based systems still discover the problem when those are applied to the SMIs that located in the rural areas which generally have low network quality. The problem can also occur due to various conditions such as unstable electricity or during a disaster. Based on the problem, the web-based systems should meet the reliability standards so it can continue to be work in every condition. This study proposes a reliable offline web system with the service worker concept as an effort to overcome the problem. The results not only can improve the performance of web-based systems in various conditions but also encourage other SMIs to use the web-based system to improve their own industrial process.
Submitted	Mar 14, 17:02 GMT
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Reviews

Review 1

Overall evaluation

2: (accept)

Thank you for your contributions for ICUDR 2019

The review for this Paper are:

1. Make cross reference every figure, table and equation that shown in this paper, The web worker offline system workflow shown in figure 1

2. Explain the two currently popular front end concepts in service worker concept that proposed in this research
 – React JavaScript library
 – Angular JavaScript framework

3. Separate the discussion section and the conclusion section. The discussion section is describing the results of the research.

4. The discussion section could be described with a more notes/discuss about the diagram and table that shown. Give the explanation of Average Time Analysis in figure 4.