Reviewer's report

Title: The relationship between user interface problems of an admission, discharge and transfer module and usability features: A usability testing method

Version: 0 Date: 23 Apr 2019

Reviewer: Wu Yi Zheng

Reviewer's report:

A well planned study with real world applications. Hopefully, the identified usability problems can be rectified in the assessed module.

Comments

* As human participants were recruited for the study and de-identified patient data was used in the scenarios, was ethical clearance obtained? Please provide details

* As efficiency is a key component of the study, could the authors please explain the efficiency equation so that readers are able to understand its logic?

* Could the authors please explain why there was a ten day gap between the training session and the completion of the scenarios?

* Can the usability problems identified in this study be mapped to findings from previous research? Are any new problems identified by the current study?

Minor edits

* Methods section, Abstract, page 3, lines 49-50: 'in their last semester of a Bachelor of Health Sciences Information Technology degree.'

* Conclusion section, Abstract, page 4, lines 65-66: 'The number of usability… affected the effectiveness, efficiency, and user satisfaction of the system'.

* Title of Table 1, page 7, line 139: please consider replacing 'popular' with 'common'

* Page 9, line 162: '…contains ten items on a five-point Likert scale'
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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