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: 09 Apr 2019

Reviewer: Pierre-François Gautier

Reviewer's report:

- [abstract / method] Does students in their last-semester bachelor of health information technology sciences are representative of final potential user of ADT in the hospital (regarding their degree and their familiarity to computer) ?

- [line 119] "Assessing the usability problems with this method often leads to the identification of 80-85% of the problems by five to eight users". The references are old and often discussed, and this is per profile. Is there only one potentiel user profile ?

- [line 135] How the main tasks had been defined ?

- [line 148] Is it usual to ask participant to user tests to note themselves the problem they encounter ?

- [line 168] Will the future users always have a 2 hours training ?

- [line 290] I'm not sure this method should be used to evaluate others HIS module considering the fact that real clinicians or administratives won't never note themselves usability problems all alone (it's the human factor' engineer job),

- [table 2] The results could be more detailed with associated screenshot to be really helpfull to programmers and designers.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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.

Unable to assess

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.

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Please indicate the quality of language in the manuscript:

Acceptable

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