Reviewer’s report

Title: Falls Sensei: A serious 3D exploration game for older adults to enable the detection of extrinsic fall hazards within the home

Version: 0 Date: 21 Sep 2018

Reviewer: Raymond Bond

Reviewer's report:

The study is very interesting. Perhaps more technical details on the development of the serious game e.g. games engine etc. Could also present some logic.

The study has a small number of subjects but this is in-depth. Unfortunately, the study has no control e.g. a leaflet hence future work could be an RCT.

The SUS survey is perhaps not best for evaluating games? Game usability is different from system usability. Please comment.

The mean game timings in table 2 could also include the SDs.

Ethan's quote appears twice in 2 different sections.

Overall, good english, topical work and a decent qualitative study.

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.

No

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?
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I am able to assess the statistics

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

Acceptable

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