Author’s response to reviews

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

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Author’s response to reviews:

Response to reviewer comments (Author responses are indented and preceded with “>>” – all changes made since the last review are highlighted in yellow in the submitted manuscript)

Technical Comments:
1. Title page
   - Please include the email address of co-author Kyriakos Alexandrou on the title page. Please also ensure this email address match the email addresses provided in the editorial manager system.

   >> Thank you, the co-author email addresses on the Title Page have now been updated.

2. Abstract
   - We noticed that you have included the Abstract in submission system only, please re-upload the abstract after the Title and name of authors and Affiliation. Potential referees will be asked to review the manuscript having seen only the title and abstract, so it is important that these are both informative and concise.

   >> The abstract has now been included in the manuscript after the Title Page.

3. Consent to publish
   - We note that you have not included a ‘Consent for publication’ section in Declarations. If identifying images or other personal or clinical details of participants are presented that compromise anonymity, a
statement of consent to publish from the patient should be included. This section must be included even if it is not applicable to your manuscript. If consent to publish is not applicable to your manuscript please write ‘Not Applicable’ in this section.

>> Thank you a Consent for publication section has now been included in the Declarations section.

4. Funding
- We note that you have not included a ‘Funding’ section in the Declarations. All sources of funding for the research reported should be declared. If no funding was obtained for your study we still require this section to be included with the statement “No funding was obtained for this study”.

>> A funding section has now been included in the Declarations section.

5. Abbreviations
- Please list all abbreviations used in your manuscript under the heading "Abbreviations" after the conclusions section. If no abbreviations are used in the manuscript, please state "Not applicable" in this section.

>> An Abbreviations section has now been added after the Conclusions section.

6. Figure legend
- Please put all figure legends after the references section.

>> Figure legends have now been included after the References section.

Reviewer reports:
Susan Bello (Reviewer 1): I thank the authors for their thoughtful responses to my previous comments. I think the paper is acceptable for publication in its current form.

>> The authors would like to thank Reviewer 1 for their thoughtful and valuable comments on our work. We believe the manuscript is much improved as a result of actioning all of these comments.

Ranjit Kumar Dehury, MHA,PhD (Reviewer 3): 1. Use less technical words in the introduction because the topic have wide rang of readers for better understanding.
2. Refer more studies in discussion section to compare the results with more emphasis.

>>Thank you for these valuable comments. With reference to comment 1, we have now reviewed the Background section of this study and removed/rephrased text where technical terms were previously used. Where appropriate, we have provided defined terms that may not be familiar to a wider audience. With reference to comment 2, we have reviewed the Discussion section and added a further 10 references to provide a more elaborate comparison of the outcomes of this study with existing research outputs. Reference numbers added are as follows: #15, #39, #40, #41. #45, #46, #51, #52, #55, #56.

>>The authors would like to extend their sincere gratitude to the Associate Editor and Peer Reviewers for taking the time to review our work and provide thoughtful and valuable comments which we believe has significantly improved the manuscript.