Reviewer's report

Title: Mobile NBM - Android medical mobile application designed to help in learning how to identify the different regions of interest in the brain's white matter

Version: 2 Date: 4 February 2014

Reviewer: Selma Corovic

Reviewer's report:

The authors of the manuscript 'Mobile NBM – Android medical mobile application designed to help in learning how to identify the different regions of interest in the brain’s matter' propose an m-learning application for education in the field of neuro-imaging. The software that the authors developed could be potentially useful for providing the knowledge for novices and professionals working in the field of tractography and white matter. However, the manuscript provided in its present form should be improved; therefore, I'm unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions.

I suggest the following Major Compulsory Revisions for the manuscript:

1. The Background section should be restructured. I recommend that the authors start with an overview of the previous work done/published in the field by other authors (supported with the adequate references). The authors should than continue with the description of the novelty that is provided by of their work.

2. In the Methods section the authors should provide a more detailed explanation/description on how the usability study was conceptualized and performed in their study?

3. It is not clear how the personalization for each particular user is provided by the developed software. The authors should provide description of the personalization of the educational content.

4. In the Results section: The first sentence in the second paragraph of the Explanation module refers to the reference [20]. This reference is a link to a web page that is not working. The authors should provide an adequate reference. The authors should also provide a detailed explanation on the importance of the reference [20] for the NBM application they developed and describe in this manuscript.

5. How the software provide the education on identification of different diseases that can be detected form the images. This aspect of medical education is important for the neuro-scientific community and it should be discussed in the Discussion section.

6. It seems that some figures are provided only in Spanish language (Figs. 10, 11, 12,13,14.....). Could authors provide these figures in English language?
Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests: I declare that I have no competing interests