

Survey (Interview Script)

Use of augmented reality (AR) in biomedical education

Course code: _____

In the interview, students will be invited to express their opinions on the use of AR-based educational software in detail (e.g. via further discussion on the issues in the questionnaire).

Questions that may be included to facilitate the discussion:

| Learning experience | |
|-------------------------------------|--|
| 1 | What are your <u>general comments</u> on the experience of AR-based learning in the lectures/tutorials? |
| 2 | What are the elements of an <u>ideal AR software</u> ? |
| | |
| Effectiveness of AR-based learning | |
| 3 | How do you <u>compare AR with other multimedia</u> (e.g. Internet) or their components (e.g. images, animations, and videos) in the effectiveness of enhancing your learning of biomedical science? |
| 4 | How do you <u>compare AR with VR</u> (virtual reality) for educational purposes? |
| | |
| AR software with basic functions | |
| 5 | What are the <u>limitations</u> (if any) of the AR software with basic functions (“Brain AR App”)? |
| 6 | How can this software (“Brain AR App”) be <u>improved</u> ? |
| | |
| AR software with extended functions | |
| 7 | If a new AR App is to be developed for education, what <u>functions</u> would you would like to include? |
| 8 | If a new AR App is to be developed for the Physiology education, what are the <u>physiological processes</u> that you wish the App to focus on? |
| 9 | Please indicate some slides (as examples) in the <u>PowerPoint that you would like to be “augmented”</u> by an educational App. Why? <i>(Some teaching PowerPoint handouts will be shown to the students.)</i> |
| 10 | Please suggest the appropriate <u>amount of contents</u> in a single App to be developed. <ul style="list-style-type: none">- Is it sufficient to illustrate only key concepts? Any specific examples?- Are detailed annotations with in-depth knowledge beneficial? Any specific examples? |