

2.1 Appendix D: Email communication

Subject: Call for Participants: Invitation to Participate in a VR Metaverse-Based Health Education Program Action Research Study

Dear HBKU and WCM-Q Students,

The Collage of Science and Engineering (SCE) at Hamad Bin Khalifa University (HBKU), would like to invite you to take part in research titled '**VR Metaverse-Based Health Education Program Action Research Study**'.

This study aims to explore the potential of metaverse technology in enhancing health education among students at Hamad Bin Khalifa University (HBKU) and Weill Cornell Medicine-Qatar (WCM-Q).

What is involved in this research study:

There will be a virtual group who will participate metaverse- health education program developed by this research team once a week for 60 minutes per session for six weeks. In addition, the traditional face-to-face learning group will not intervene with VR during the experiment.

Inclusion Criteria:

To be eligible to participate in this study, you must meet the following criteria:

- Currently enrolled as a student at either HBKU or WCM-Q.
- Enrolled in the 2nd year of an IT program at HBKU, or in the 2nd to 4th year of medical studies at WCM-Q.
- Fluent in English.
- Comfortable with using a virtual reality headset.
- Those able to attend 6 weeks of metaverse-based health education program.
- No physical or mental conditions that may affect your ability to participate.

If you meet the above criteria and are interested in participating, kindly reply to this email expressing your interest. We will provide you with further information on the study, including details on the time commitment, the consent form, and the metaverse-based health education program details.

Your participation in this study is entirely voluntary, and you may withdraw at any time without any negative consequences. All information collected during the study will be treated confidentially and anonymized to protect your privacy.

We appreciate your consideration and look forward to your potential involvement in this innovative action research study. If you have any questions, please do not hesitate to contact us.

Sincerely,

2.2 Appendix F: Confirmation Email

Subject: Confirmation of Participation in VR Metaverse-Based Health Education Program

Action Research StudyDear [Student's Name],

Thank you for expressing your interest in participating in our action research study on the VR metaverse-based health education program. We are delighted to have you on board and appreciate your willingness to contribute to this innovative research.

To confirm your participation in the study, please follow the steps outlined below:

- Review the attached consent form, which provides detailed information about the study, including its purpose, procedures, and potential risks and benefits. By signing the consent form, you confirm your understanding of the study and your voluntary participation.
- Complete the attached demographic questionnaire, which will help us ensure a diverse representation of participants in terms of gender, age, and ethnic background.

Once you have signed the consent form and completed the demographic questionnaire, please email them back to us at [Email Address].

Upon receiving your signed consent form and completed demographic questionnaire, we will provide you with additional information, including instructions on how to access the VR metaverse-based health education program and details regarding the virtual reality headset.

Throughout the study, we encourage you to share your feedback and experiences, as this will help us improve the program and better understand its impact on health education. Remember that your participation is voluntary, and you may withdraw from the study at any time without any negative consequences.

If you have any questions or concerns, please do not hesitate to reach out to us. We look forward to working with you on this exciting action research project.

Sincerely,