**Study Information sheet (Informed Consent)**

**Name of PI:** Dr Ho Moon-Ho, Ringo

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**IRB reference number:**  IRB-2023-448

**Title of Study:** Feasibility study of Video-mediated Communication and Simultaneous Gameplay

**Objective:** The purpose of the study is to examine the effect of video-mediated communication and simultaneous gameplay on intergenerational communication and bonding.

**Procedures:** If you agree to take part in this study, you will pair up with an older adult or youth participant and be randomly assigned to one of the communication conditions: (i) Video Call Only (basic video call functionality) or (ii) Video Call with interactive exergames (i.e., VETS Exergames with VCC from Pilot Study). Each elderly-youth dyad will engage in the assigned communication method for 30 minutes per session over 2 weeks. You will also need to complete a short survey in each session. 10 participants assigned to VETS-VCC communication condition may also be invited for a qualitative interview to understand their user experience and identify features of the application that require improvement.

**Right to Refuse or Withdraw:** Your participation in this study is entirely voluntary and you may choose not to participate. You have a right to ask questions, which the study team will do their best to answer clearly and to your satisfaction.

You are free to withdraw your consent and discontinue your participation at any time. Refusal to participate or withdrawal from the study will involve no penalty. If you decide to stop taking part in this study, you should verbally inform the researcher. All your data that has been collected until the time of your withdrawal will be deleted.

**Risks and Discomforts:** There are no anticipated risks, beyond those encountered in daily life, associated with participating in this study.

**Benefits** You will get a unique chance to interact and experience the application prototype which is not available in the market yet.

**Compensation:** Upon completion of session 1, you will be compensated $20. If you further complete session 2 in the following week, you will be compensated an additional $30. In other words, you will receive a total of $50 after completing both session 1 and 2. To participate session 2, participants have to complete session 1.

**Confidential Data Collection:** The information you provide will be kept strictly confidential. The data collected will be used in aggregate for research only.

**Confidentiality of Records:** The data collected will be used in aggregate for research only. Personal identifiers, such as your name and contact information will be collected. However, to protect your confidentiality, this information will be unlinked from your responses in the video and audio recording, and responses on the questionnaires and the open-ended questions, and replaced by a randomly generated ID. Face blur will be applied to the video recording and voice changer will be used to anonymize the voice.

All data collected will be stored within access-controlled folders and access to these folders will be restricted to the Principal Investigator and selected study team members. Hard copy and digital copy of the research data will be stored for 10 years after publication or completion of the study, whichever the later.

By signing the Consent Form attached, you (*or your legally acceptable representative, if relevant*) are authorizing (i) collection, access to, use and storage of your “Personal Data” **1**, and (ii) disclosure to, and use and storage by, authorised service providers and relevant third parties, whether located in Singapore or overseas, for the purposes of the study; and (iii) disclosure of such Personal Data to the relevant government ministries, statutory boards and/or any other government agencies when requested and/or required under relevant legislations.\*\*\*

**1*Personal Data***: means data about you which makes you identifiable: (i) from such data; or (ii) from that data and other information which an organisation has or likely to have access.  Research arising in the future, based on this “Personal Data”, will be subjected to review by the relevant institutional review board. Data collected are the property of Nanyang Technological University. In the event of any publication regarding this study, your identity will remain confidential. Any research data containing your “Personal Data” that is collected for the purposes described in this Consent Form will be stored in Singapore.

**Who to contact with questions:** If you have any questions about the research study, please contact Dr Ho Moon-Ho, Ringo (6316 8944, HOmh@ntu.edu.sg). This research has been reviewed according to Nanyang Technological University Institutional Review Board procedures for research involving human subjects. Should you have questions on participants' rights in the study, please contact:

NTU-Institutional Review Board

Research Integrity and Ethics Office

62 Nanyang Drive,

Blk N1.2 B1-02A,

Singapore 637459

Email: [irb@ntu.edu.sg](mailto:irb@ntu.edu.sg)

**Consent Form**

I have read, discussed and understand the information and procedures in the study information sheet attached to this consent form. My questions concerning the study have been answered to my satisfaction, and I acknowledge that I am participating in this study of my own free will. I understand that I may refuse to participate or stop participating at any time.

**Consent to participate in the research**

 I have understood the above information and voluntarily consent to participate in this study.

   I agree to have my video and audio taken during the study.

Name of Participant Signature Date