

A Study on Mixed Reality Escape Room Learning Experience

Jonathan Marx, final year undergraduate student of Computing for Games at Falmouth University, is working on a research project and would like to invite you to take part. Before you decide, you should familiarize yourself with why the research is being carried out and what it would involve for you.

I am leading an investigation into how mixed reality can enhance the learning experience in a short escape room experience. You have been invited to this research because you are enrolled at Falmouth University.

For this study, I am asking you to play a short 5-10 minute escape room experience with, or without, a Microsoft HoloLens. After you have completed the escape room, or the time limit runs out, I will ask you to complete a 5 minute questionnaire which will provide insight about your experience with the escape room. Finally I will ask you to take part in a short interview to gather some more in-depth insight.

Any personal data that you provide is protected by law in the United Kingdom under the 1998 Data Protection Act. This means that data collected must only be used for the purpose of scholarly enquiry and will not be disclosed to any person or organisation not directly connected with this project. As such, responses are held securely, are confidential, and are collected in a secure manner. Further to this, your participation in this project is subject to the Code of Research Ethics of the higher education institution in which you are enrolled: Falmouth University. Data will be archived for the maximum period of time permitted under these regulations: 2 years.

The results of this study, and future work based on the outcomes of this study may be published in journals and conference proceedings.

Please note, it is not compulsory to take part in this study, and you can withdraw at any time without consequences.

If you have any queries or concerns, please contact JM190359@falmouth.ac.uk. If you have any complaints regarding the ethical aspects of this project, please contact the Falmouth University Research & Development Office at research@falmouth.ac.uk or 01326 259247.

- 1. I have read the information provided above and I understand that the experiment is being conducted for the sole purpose of academic research. I acknowledge that participation is voluntary and any data I provide will be treated anonymously, confidentially and will be subject to rigorous data protection. I am also happy for my contributions to appear in a scholarly publication, on the condition that all such contributions are anonymous. Therefore, I consent to my involvement:**

Mark only one oval.

- ☐ I consent
- ☐ I would like to opt-out