INFORMATION SHEET:

VR for Independent Travel Training

Background Information:

Virtual Reality has grown in popularity over recent years for its implementation and use within education. As VR headsets continue to evolve into more powerful and portable devices, the application of VR to improve lives looks quite promising.

This study aims to explore the viability of Virtual Reality (VR) to deliver an independent travelling training application. Moreover, it intends to determine an appropriate navigation paradigm for the setting that is easy to use and comfortable for the user.

What you'll be asked to do:

- You'll be asked to take part in a Virtual Reality testing session focused on testing the travel training application mentioned above.
- You will be asked to answer a few questions while using the VR application and once again after using the application.
- You will be asked your opinion on the different navigation paradigms designed for the application. In addition, you'll have the opportunity to provide any feedback you may have for the application once you have tested it.
- The testing session will cover a series of test scenarios wherein you'll get to use a different navigation paradigm each time to move within the level space.

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Important Notes:

- The session will be conducted in the Virtual Reality Lab (ISTEC 029) on Nottingham Trent University's Clifton Campus.
- You may withdraw your data from the study up until the 9th of April, at which point all data will be fully anonymised. Anonymised data will be kept for 5 years after the experiment has ended in the case of possible publication.
- There are some minor risks associated with this project - if you experience motion sickness or nausea, you may experience some discomfort during the experiment.
- If at any point during the testing session, you feel uncomfortable or unwell you must tell somebody straight away.
- This study follows protocol approved by Nottingham Trent University's ethics panel.
- Any group-based discussions will be recorded and then anonymised. You may withdraw from this if you wish.

Benefits of the Study:

For the study, this will help us understand the thoughts and opinions of different users on what could potentially be the most suitable and effective navigation paradigm for the VR application. Moreover, it will help us understand whether VR is a suitable medium to deliver this virtual learning environment.

For you, you'll experience using and testing applications in virtual reality. Subsequently, it is an opportunity to provide important feedback that may affect how these types of applications are designed and used in the future.

Contact Details:

Should you wish to participate, willing participants should contact myself or James Lewis using the contact details below.

- Hannah Jacob - N0865554@my.ntu.ac.uk
- James Lewis - james.lewis@ntu.ac.uk

Additionally, if you have any questions, please do not hesitate to contact me (Hannah Jacob) or my supervisor (James Lewis) via the details above.