# Is Finger Motion Tracking a Superior Control Method for Virtual Reality?

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In this study you will use a Virtual Reality system, the HTC Vive in combination with both a standard controller and a custom built Data Glove controller. The purpose of this study is to measure the immersion experienced when using different methods of interaction within a VR environment, and a series of tests will be conducted to achieve this.

When using VR, there is a very small chance that a user could experience mild dizziness and nausea, with a slightly higher probability in people who suffer from motion sickness. Because of this, the participant is requested to inform the researcher of any negative symptoms experienced, which will result in immediate termination of the study session.

During the study, the participant will experience three separate scenarios. The first will ask the participant to interact with virtual objects using the standard HTC Vive controller. The second will ask the participant to repeat the first scenario using the new Data Glove. Finally, the user will be asked to repeat the second scenario with some physical objects in the environment.

Once the simulation is complete, the participant will be asked to fill in a short questionnaire to assess the overall experience. The data gathered from this questionnaire will remain confidential and anonymous, and any personal details will not be recorded or used.

The participant is free to withdraw from the study at any time and their recorded responses will be discarded and destroyed in this instance.

**Please tick box**

1. I confirm that I have read and understand the information above and have had the opportunity to ask questions.
2. I understand that my participation is voluntary and that I am free to withdraw at any time, without giving reason.
3. I agree to take part in the above study.
4. I agree to the use of anonymised quotes in publications.

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Name of Participant Date Signature

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Name of Researcher Date Signature