INFORMED CONSENT FORM

Title of study: Effects of Interaction Fidelity on task performance in VR.

You are invited to participate in this research study. The information in this form is provided to help you decide whether or not to participate in the study.

Purpose of this study

To explore the effect of interaction fidelity on spatial learning tasks in VR HMD environments.

What will happen during this study?

The experiment is divided into *four phases*, each phase expected to take around *5 to 10 minutes*.

Phase 1:

Fill out an initial demographic questionnaire where you need to fill in some data about yourself. [2-5 minutes].

Phase 2:

You will be put in a Virtual Environment via an HMD where you will be familiarized with the Virtual Environment and the task at hand.[5-10 minutes]

Phase 3:

The task is divided into two parts, memory phase and recall phase, where you need to interact with the Virtual environment in a certain way.[5-10 minutes]

Phase 4:

There will be two questionnaires in the end- VRISE and presence questionnaire, that you are required to fill.[5-10 minutes]

The scheduling will be tailored to your convenience, and these phases will be spread across multiple days.

Expected duration of overall participation:

Around (20-40) minutes spread across [1 days].

Benefits expected from this research

The study will benefit our understanding of the effect of interaction fidelity in completing tasks in Virtual Environments.
You will have the opportunity to wear an HMD headset, and explore a virtual environment.

Will I be made aware of the results?

If you wish to have the results of the study forwarded to you, please let us know and we shall forward the results to you when they are published.

Potential risks to the participant from this research/Research-related injuries

There are no major risks to your health from this study. However, during the experiment you might suffer from motion sickness, eye strain, seizure or epilepsy. We urge you to immediately express your concerns as soon as you experience any of these symptoms and you feel that you are unable to continue.
If you have had epileptic episodes/seizures in the past, we request that you do not move forward with the study.

Compensation, if any for the participant

Upon finishing the experiment, You'll be rewarded with **a small canteen treat** as a token of appreciation for joining in.

Confidentiality of records

You have the right to confidentiality regarding the privacy of your personal details. By signing this document, you will be allowing the research team investigators to view your data, if required. The information from this study, if published in scientific journals or presented at scientific meetings, will not reveal your identity. YOUR IDENTITY SHALL NOT BE REVEALED AT ANY STAGE.

Freedom to withdraw from study

Participation in this research is purely voluntary and you have the right to withdraw from this study at any time during the course of the study without giving any reasons. However, it is advisable that you talk to the research team prior to withdrawing your participation and provide some feedback to investigators regarding your withdrawal.

Use of data generated

The use of any data or results that arise from this study will be only for scientific purpose(s).

Who is organizing the study?

International Institute of Information Technology, Hyderabad (IIIT-Hyderabad)

Who has reviewed this study?

Institutional Ethics Committees at IIIT Hyderabad

Thank you for taking time to read this information.

If you need any more information about this study please contact:

Aaditya Vardhan Narain (aaditya.narain@research.iiit.ac.in)
Software Engineering Research Center
International Institute of Information Technology (IIIT)
Gachibowli, Hyderabad - 500032

Ashutosh Rudrabhatla (ashutosh.rudrabhatla@research.iiit.ac.in)
Cognitive Science Lab
International Institute of Information Technology (IIIT)
Gachibowli, Hyderabad - 500032

INFORMED CONSENT FORM

Title of study: Effects of Interaction Fidelity on task performance in VR.

Participant Declaration

By signing this form, I affirm that I have read the information contained in the form, that the study has been explained to me, that my questions have been answered and that I agree to take part in this study. I do not give up any of my legal rights by signing this form.

_____

Name

_____ _____

Participant's Signature Date signed

Statement by person obtaining consent

I certify that I have explained the research study to the person who has agreed to participate, and that he or she has been informed of the purpose, the procedures, the possible risks and potential benefits associated with participation in this study. Any questions raised have been answered to the participant's satisfaction.

_____

Name of study personnel

_____ _____

Study personnel Signature Date signed