Informed Consent Form for Participation in a Research Study

Study Title: Evaluation of the Effect of Different Feedback Modalities on Shooting Accuracy in Virtual Reality

Research Institution: INESC-ID/IST **Principal Investigator**: João Cordeiro <joao.m.g.n.cordeiro@tecnico.ulisboa.pt>, Johanna Walker <Johanna.walker@tecnico.ulisboa.pt> **Ethics Approval Number**: [TBDl] **Study Duration**: 1h per session with at most 20 minutes in immersed (VR) setting.

Purpose of the Study:

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   Feedback modalities:
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2. Your interactions will be recorded, including the time to complete tasks, accuracy (distance from the center of the target), and subjective feedback using NASA-TLX and SUS questionnaires.
3. During the study, you will be asked to wear the VR headset and interact with the virtual environment while standing.
4. The session will last approximately 60 minutes; you may take breaks as needed
5. Your participation is voluntary, and you may withdraw without penalty.

Potential Risks:

There are minimal risks associated with this study, which may include mild discomfort, such as eye strain or motion sickness (cybersickness). You will be encouraged to take breaks or can quit the experience with no penalties, if needed.

Potential Benefits:

While participating does not directly benefit you personally, your involvement will contribute to the development of more intuitive and efficient VR interaction techniques, which could improve future professional applications.

Confidentiality:

All information gathered during the study will remain confidential. Your data, including recordings of your interactions in the VR environment, will be anonymous. Results will be reported without identifying individual participants.

Compensation:

There is no compensation.

Voluntary Participation:

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Contact Information:

If you have any questions about the study, you can contact the principal investigators: João Cordeiro <joao.m.g.n.cordeiro@tecnico.ulisboa.pt>, Johanna Walker <Johanna.walker@tecnico.ulisboa.pt>. If you have any concerns about your rights as a research participant, you may contact the IST ethics board at comissaoetica@tecnico.ulisboa.pt.

Consent:

By signing below, you acknowledge that you have read and understood this information, agree to participate in the study, and are at least 18 years old.

Participant Signature: _____

Date: 6-1-2025

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Participant Signature: 曹逸辰

Date: 08/01/25

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Participant Signature: João Pereira

Date: 06/01/2025

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Participant Signature: B Mia Hendricks

Date: 8/1/2025

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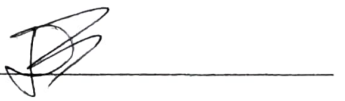
Participant Signature: 

Date: 6-1-25

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João Barreira

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