**PARTICIPANT INFORMATION SHEET**

## **ICVGoggles: Wearable Personalised Simulations of Impaired Colour Vision**

Formative Interview - Graphics and Design Students

**INVITATION TO TAKE PART IN A RESEARCH STUDY**

You are being asked to take part in a research study, which will utilise a wearable headset designed to simulate personalised simulations of impaired colour vision. The idea is to present a visual experience to participants which they have never experienced before to see if their perceptions of ICV change after use. The student leading the study is Babak Momen and is currently studying Applied Computing at the University of Dundee and will be supervised by Dr. David Flatla. Participation is voluntary and data will be treated with confidentiality.

**PURPOSE OF THE INTERVIEW**

This study aims to provide a new insightful method to replicate personalised simulations of ICV. The study uses a new virtual reality technology called the Oculus Rift and will use data gathered from usage by both ICV and non-ICV participants.

As a non-ICV participant, you will be interviewed by Babak and he will ask a series of questions regarding ICV. The questions asked will be about the problems graphics and web designers which they currently experience when creating content for users with ICV. It will also gather opinions on the system to see if it will be a welcomed addition to a designer’s tool palette.

The interview will be recorded with a video camera.

**TIME COMMITMENT**

The study will require one interview to be completed in one session. The interview should take around 30 minutes.

Qualitative data will be collected and stored anonymously.

There will be an in-lab component to this study that we hope you will be able to participate in, but this is not obligatory.

**RISKS**

There are no known risks for you in this study.

**TERMINATION OF PARTICIPATION**

You may decide to stop being a part of the research study at any time without explanation and without penalty.

**CONFIDENTIALITY/ANONYMITY**

The data collected do not contain any personal information about you except your name which will be anonymised when stored.

No one will be able to link the data you provided to your identity and name.

The questionnaires will be kept for 3 years after which time the files will be destroyed.

The video recordings will kept until the final report is completed, after which time they will be destroyed.

**FOR FURTHER INFORMATION ABOUT THIS RESEARCH STUDY**

Babak will be glad to answer your questions about this study at any time. You may contact him at b.momen@dundee.ac.uk or through phone at 07539313456.

***Never give personal contact information****, such as your mobile number or home address.*

If you want to find out about the final results of this study, you should contact Babak with your name.

The University Research Ethics Committee of the University of Dundee has reviewed and approved this research study.

**CONSENT FORM**

## **ICVGoggles: Wearable Personalised Simulations of Impaired Colour Vision**

Recreating ICV can provide a wide array of people with new insights and understanding. The ICVGoggles aims to provide functionality to be calibrated to different types of ICV; this information can be useful for designers, parents of ICV sufferers and anyone who would like to gain a deeper understanding of ICV.

“I agree to the use of anonymous extracts from my interview

in conference papers and academic publications”   YES       NO

“I agree to the audio recording of the interview”    YES       NO

“I agree to the video recording of the interview”    YES       NO

By signing below you are indicating that you have read and understood the Participant Information Sheet and that you agree to take part in this research study.

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Participant’s signature Date

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Participant’s name

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Signature of person obtaining consent Date

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Name of person obtaining consent