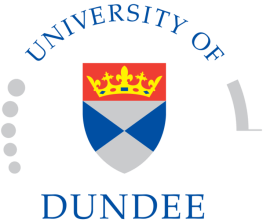
**FORMATIVE INTERVIEW & QUESTIONAIRRE**

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

Plan For Second Stage Evaluation

**PLAN**

**Setup**

Set up camera.

Place balls of yarn on table, along with laminated diagrams and images.

Ensure rift is working with application.

**Information for Participants**

The plan for this session is for you to try out ICVGoggles with a variety of materials provided to give you some insight into what it’s like to have impaired colour vision.

The tool has 4 settings, 3 of which can be adjusted.

I will be asking you a few questions at the end to find out more about how the session went. All information will be kept anonymous.

So if you put on the headset now and make sure it sits comfortably on your face.

If you press spacebar, you will be presented with a controls popup.

Pressing 1,2,3,4 will switch between the different types of ICV available, Protanopia, Deutranopia, Tritanopia and Monochromacy.

Left clicking on the mouse increases the severity by 1. Right clicking will decrease it by 1.

The maximum severity is 10, minimum is 0.

**After Setup + Information Read Out**

**Without headset on**

I have 10 balls of yarn here, could you please group this colours anyway you see fit (for example pairing two similar colours).

Here are some images I have printed out, please take a moment to look at these.

**Headset on**

Please place the headset on and get familiar with your surroundings. I will now shuffle the coloured yarn balls around while you do this. Feel free to try out the different settings.

\*Make sure they are comfortable with the equipment and controls\*

Could you please set the severity to 10 on mode 1, 2 or 3.

Can you now group the yarn balls again?

\*Let them do the exercise, then ask them to take the headset off when done to view their ordering\*

Thank you, now you can freely use the headset to look around, look at these images printed out and possibly your own work if you have it with you.

\*Give 5-10 minutes of free time, be there to answer questions and help when possible\*

Thank you for trying out the headset, I will now ask you a couple of questions.

**QUESTIONAIRRE QUESTIONS**

These questions are all optional and you may withdraw at any time.

Has your understanding of ICV increased or decreased through use of the ICVGoggles? Please explain.

How did you personally find the experience of using the ICVGoggles? How did you feel when you explored the room with them on?

How did you find the yarn ball colour organising after setting the severity to 10?

If ICVGoggles were available, would you consider using them in your design practice? If so, how would you use ICVGoggles?

If ICVGoggles were available, would you recommend them to a graphics or web designer who has to design for users with ICV? If so, please explain why.

Are there any additional comments you would like to make regarding this experiment or the equipment used?