

AU Status

Undergraduate or PG Taught

Your aber.ac.uk email address

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Full Name

Elliot Oram

Please enter the name of the person responsible for reviewing your assessment.

Reyer Zwiggelaar

Please enter the aber.ac.uk email address of the person responsible for reviewing your assessment

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Supervisor or Institute Director of Research Department

cs

Module code (Only enter if you have been asked to do so)

CS39940

Proposed Study Title

MMP Using the Pepper's Ghost Pyramid technique to create real-time holograms for a charades style game - A system that takes a real time webcam feed and creates a hologram using the Pepper's ghost pyramid. The system is accompanied by a website that hosts a charades style game so viewers can guess what the person in front of the camera is doing. This project is designed to be a outreach tool.

Proposed Start Date

30/01/2017

Proposed Completion Date

08/05/2017

Are you conducting a quantitative or qualitative research project?

Mixed Methods

Does your research require external ethical approval under the Health Research Authority?

No

Does your research involve animals?

No

Are you completing this form for your own research?

Yes

Does your research involve human participants?

No

Institute

IMPACS

Please provide a brief summary of your project (150 word max)

The hologram system uses real-time data and whilst the system is designed for outreach use, no images or data of the participants is stored and human participants are not required for the creation or testing of this system. The website does not require login details or personal information as a session id will be provided at events to log into a 'virtual room' to play the charades game. The website does not store any data other than potentially

the names of participants used in a leaderboard system.

Where appropriate, do you have consent for the publication, reproduction or use of any unpublished material?

Not applicable

Will appropriate measures be put in place for the secure and confidential storage of data?

Yes

Does the research pose more than minimal and predictable risk to the researcher?

Not applicable

Will you be travelling, as a foreign national, in to any areas that the UK Foreign and Commonwealth Office advise against travel to?

No

Please include any further relevant information for this section here:

If you are to be working alone with vulnerable people or children, you may need a DBS (CRB) check. Tick to confirm that you will ensure you comply with this requirement should you identify that you require one.

Yes

Declaration: Please tick to confirm that you have completed this form to the best of your knowledge and that you will inform your department should the proposal significantly change.

Yes

Please include any further relevant information for this section here: