

**Study Information Sheet**

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**Interactive Devices (COMSM0058 and COMS30055)**

Dear Participant,

We are a group of students in Computer Science at the University of Bristol, currently developing a pointing triggered-projection system as part of our interactive device unit. To evaluate the project, we are engaging participants to try to understand how the use of such a system could affect someone’s interest in art and art history. This data collection will take place using questionnaires, and observations of the use of our designs. By engaging potential users in the initial design activities of these interactive prototypes, we hope to ensure that our designs are both useful and usable.

**What do I have to do?** This study focuses on how the use of our technology could change museum visitation practices through improving engagement in art history. You will be asked to complete a questionnaire in Microsoft Forms. You will be asked on your opinion on the technology and how it would affect your interest in art history and observed to see what potential benefits and drawbacks of the system are found. You do not have to create an account to do this and all of your data will be anonymised

**How will these findings be used?**

After completing the study, your questionnaire answers and our observations will be compiled and analysed. This data will then be used in the write up of our paper.

**Participation**

Participants should be over 18 and should be able to provide written consent on the form provided.

Participation in this study is voluntary. If you decide to take part, you will be asked to provide written consent. You are free to withdraw during the study at any time and without having to give a reason.

**Risks and Disadvantages**

There are no known risks associated with completion of the questionnaires, the interviews, or the observations of the use of the device.

**Data management and Confidentiality**

No personally identifying information will be recorded on the questionnaires, interviews, or observations. Any personal information recorded as part of the consent process will be kept strictly confidential by the development teams and the lecturing staff. Any final write-ups of the data gathered will not include any information that can be linked directly to you.

All data will be stored so that your name is not associated with it (using an arbitrary participant number) and no photographs or video recordings will be made. All data will be handled confidentially and anonymously. The data collected from this study will be used in a coursework submission to the University of Bristol. Results from the research will be presented in accordance with rules for anonymity such that the results cannot be traced to individual participants.

All data will be encrypted and stored on the University of Bristol secure servers which are password protected. Personal data will only be accessed by the students involved in this project and unit directors, as noted this will be stored separately to data from the research contribution.  Anonymised refers to removing all sensitive data including your personal details including name/ date of birth and age. If you have any questions about how your data will be collected, managed, and stored, please contact the principal investigator or the project supervisors.

Consent forms and written notes including personal information will be stored securely during the duration of the project. The student will give those physical documents to the unit directors who will store them in their office until completion of the project.

On completion of the project, all the data will be destroyed 1 year after the completion of the project, so the 05/05/2024. This date was chosen to give time for the students to publish the anonymized results of the study (see next paragraph).

The anonymized research data will appear in the final report of the coursework. The students will also have the opportunity to use the anonymized research data within a scientific publication. This will be discussed prior to submission with the unit directors.

You  have the right to request all of the personal data and information which is held about you and how it is used; if you would like to request a report of your data at any point during this study, please contact the unit directors Prof. Roudaut and/or Dr. Bennet.

If you have any questions about the management of your data please do not hesitate to ask.

**Right to Withdraw**

You are free to withdraw from the study at any time without penalty and without losing any advertised benefits**.** Withdrawal from the study will not affect your academic status or your access to services at the University of Bristol. If you withdraw, all of your data held by the student will be deleted from the study and destroyed. In addition, you are free to not answer specific questions in the interviews or on the questionnaire.

Your continued participation should be as informed as your initial consent, so you should feel free to ask for clarification or new information throughout your participation. If you have further questions concerning matters related to this research, please contact us by emailing both the Lecturer and the Group using the details given at the top of the document.

**Questions**

If you have any questions concerning the study, please feel free to ask at any point; you are also free to contact us with the details provided above if you have questions at a later time.  This study has been approved on ethical grounds by the University of Bristol Faculty of Engineering Ethics Board.  Any questions regarding your rights as a participant may be addressed to that committee through the Faculty Ethics Officer (<http://www.bris.ac.uk/red/support/governance/ethics/ethics.html>). Please note that you are free to withdraw from participation at any time.

Thank you for your interest and cooperation. If you would like more information about the research project, please feel free to make contact.

Yours faithfully,

Lauren Hill and the Pointfo development team