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# ****UREC 1 RESEARCH ETHICS REVIEW FOR STUDENT RESEARCH WITH NO HUMAN PARTICIPANTS OR DIRECT COLLECTION OF HUMAN TISSUES, OR BODILY FLUIDS.****

All University research is required to undergo ethical scrutiny to comply with UK law. The University Research Ethics Policy (<https://www.shu.ac.uk/research/excellence/ethics-and-integrity/policies>) should be consulted before completing the form. The initial questions are there to check that completion of the UREC1 is appropriate for this study. The supervisor will approve the study, but it may also be reviewed by the College Teaching Program Research Ethics Committee (CTPREC) as part of the quality assurance process (additional guidance can be obtained from your College Research Ethics Chair[[1]](#footnote-2))

The final responsibility for ensuring that ethical research practices are followed rests with the supervisor for student research.

Note that students and staff are responsible for making suitable arrangements to ensure compliance with the General Data Protection Regulations (GDPR), for keeping data secure and if relevant, for keeping the identity of participants anonymous. They are also responsible for following SHU guidelines about data encryption and research data management. Guidance can be found on the SHU Ethics Website <https://www.shu.ac.uk/research/excellence/ethics-and-integrity>

Please note that it is mandatory for all students to only store data on their allotted networked drive space and not on individual hard drives or memory sticks etc.

The present form also enables the University and College to keep a record confirming that research conducted has been subjected to ethical scrutiny. Students should retain a copy for inclusion in their research projects, and a copy should be uploaded to the relevant module Blackboard site.

The form must be completed by the student and approved by supervisor and/or module leader (as applicable). In all cases, it should be counter-signed by the supervisor and/or module leader and kept as a record showing that ethical scrutiny has occurred. Students should retain a copy for inclusion in the appendices of their research projects, and a copy should be uploaded to the module Blackboard site for checking.

Please note that it may be necessary to conduct a health and safety risk assessment for the proposed research. Further information can be obtained from the [University’s Health and Safety Website](https://sheffieldhallam.sharepoint.com/sites/3005/healthandsafety/HRRRC/SitePages/Risk-Assessment-Toolkit---Teaching-and-Research.aspx)

## **1. General Details**

| **Details** |  |
| --- | --- |
| Name of student | Joe Kirkup |
| SHU email address | b9026253@hallam.shu.ac.uk |
| Department/College | Department of Computer Science |
| Name of supervisor | Michael Meredith |
| Supervisor’s email address | acesmm7@exchange.shu.ac.uk |
| Title of proposed research | Tracking snooker balls to assist in their replacement after a foul shot |
| Proposed start date | 30/01/2023 |
| Proposed end date | 27/04/2023 |
| Brief outline of research to include, rationale (reasons) for undertaking the research & aims, and methods (250-500 words). | The areas I will be researching are as follows: the existing problem (replacing the balls without any visual reference or verbally guided from a visual reference), existing solutions if any and similar products, potential solutions and their viability, and finally technologies suitable for developing a solution.  The existing problem must be explored and its effect on the game highlighted to justify development of a solution. This will involve reviewing occurrences in professional matches where play was disrupted due to lack of an adequate solution, and exploring scenarios in casual play where play was disrupted or affected by a lack of a solution.  Existing solutions and similar products will be evaluated, in order to reflect on the needs of users, review approaches and their success, and consider applicable technologies and techniques.  Technologies must be researched because there are a wide variety of frameworks and tools available to assist in mobile development and computer vision. This pool of options must be distilled down to appropriate and applicable choices followed by a final set of framework(s) and tool(s) chosen for use in developing the deliverable. |

I confirm that this study does not involve collecting/using data or samples from human participants

Please tick ☑

**Below questions apply to the whole project not just research portion – recording footage in snooker hall or using TV Footage applies to these questions.**

## **2. Research in external organizations**

| **Question** | **Yes/No** |
| --- | --- |
| 1. Will the research involve working with/within an organization (e.g., school, business, charity, museum, government department, international agency, etc.)? | No |
| 1. If you answered YES to question 1, do you have granted access to conduct the research?   *If YES, students please show evidence to your supervisor. PI should retain safely.* | Yes |
| 1. If you answered NO to question 2, is it because:    1. you have not yet asked    2. you have asked and not yet received an answer    3. you have asked and been refused access.   *Note: You will only be able to start the research when you have been granted access.* | - |

## **Research with Products and Artefacts**

| **Question** | **Yes/No** |
| --- | --- |
| 1. Will the research involve working with copyrighted documents, films, broadcasts, photographs, artworks, designs, products, programs, databases, networks, processes, existing datasets, or secure data? | Yes |
| 2. If you answered YES to question 1, are the materials you intend to use in the public domain?  *Notes: ‘In the public domain’ does not mean the same thing as ‘publicly accessible’.*   * *Information which is 'in the public domain' is no longer protected by copyright (i.e., copyright has either expired or been waived) and can be used without permission.* * *Information which is 'publicly accessible' (e.g., TV broadcasts, websites, artworks, newspapers) is available for anyone to consult/view. It is still protected by copyright even if there is no copyright notice. In UK law, copyright protection is automatic and does not require a copyright statement, although it is always good practice to provide one. It is necessary to check the terms and conditions of use to find out exactly how the material may be reused etc.*   *If you answered YES to question 1, be aware that you may need to consider other ethics codes. For example, when conducting Internet research, consult the code of the Association of Internet Researchers; for educational research, consult the Code of Ethics of the British Educational Research Association.* | No |
| 3. If you answered NO to question 2, do you have explicit permission to use these materials as data?  *If YES, please show evidence to your supervisor.* | Yes |
| 4. If you answered NO to question 3, is it because:  A. you have not yet asked permission  B. you have asked and not yet received and answer  C. you have asked and been refused access.  *Note You will only be able to start the research when you have been granted permission to use the specified material.* | - |

1. **Does this research project require a health and safety risk assessment for the procedures to be used?** Discuss this with your supervisor and consult the [Risk Assessment Toolkit](https://sheffieldhallam.sharepoint.com/sites/3005/healthandsafety/HRRRC/SitePages/Risk-Assessment-Toolkit---Teaching-and-Research.aspx) for teaching research.

Yes

No

(If **YES** the completed Health and Safety Risk Assessment form should be attached). You can find a Blank/Sample Risk Assessment Form at the Checklist, Generic and TORS Risk Assessments on the [Risk Assessment Toolkit](https://sheffieldhallam.sharepoint.com/sites/3005/healthandsafety/HRRRC/SitePages/Risk-Assessment-Toolkit---Teaching-and-Research.aspx)

## **Adherence to SHU policy and procedures**

| **Ethics sign-off** | |
| --- | --- |
| **Personal statement** | |
| I can confirm that:   * I have read the Sheffield Hallam University Research Ethics Policy and Procedures * I agree to abide by its principles. | |
| **Student** | |
| Name: Joe Kirkup | Date:10/03/2023 |
| Signature: Joe Kirkup | |
| **Supervisor or another person giving ethical sign-off** | |
| I can confirm that completion of this form has confirmed that this research does not involve human participants. The research will not commence until any approvals required under Sections 2 & 3 have been received and any health and safety measures are in place. | |
| Name: | Date: |
| Signature: | |
| Additional Signature if required: | |
| Name: | Date: |
| Signature: | |

**Please ensure that you have attached all relevant documents. Your supervisor must approve them before you start data collection:**

| **Relevant Documents** | **Yes** | **No** | **N/A** |
| --- | --- | --- | --- |
| Research proposal if prepared previously |  |  |  |
| Any associated materials (e.g., posters, letters, etc.) |  |  |  |
| Health and Safety Risk Assessment Form |  |  |  |

1. College of Social Sciences and Arts – Dr. Antonia Ypsilanti ([a.ypsilanti@shu.ac.uk](mailto:a.ypsilanti@shu.ac.uk) )

   College of Business, Technology and Engineering – Dr. Tony Lynn ([t.lynn@shu.ac.uk](mailto:t.lynn@shu.ac.uk) )

   College of Health, Wellbeing and Life Sciences –Dr. Nikki Jordan-Mahy ([n.jordan-mahy@shu.ac.uk](mailto:n.jordan-mahy@shu.ac.uk) ) [↑](#footnote-ref-2)