UREC2 RESEARCH ETHICS PROFORMA FOR STUDENTS UNDERTAKING LOW RISK PROJECTS WITH HUMAN PARTICIPANTS

This form is designed to help students and their supervisors to complete an ethical scrutiny of proposed research. The University Research Ethics Policy should be consulted before completing the form. The initial questions are there to check that completion of the UREC 2 is appropriate for this study. 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 Act (GDPR). This involves informing participants about the legal basis for the research, including a link to the University research data privacy statement and providing details of who to complain to if participants have issues about how their data was handled or how they were treated (full details in module handbooks). In addition the act requires data to be kept securely and the identity of participants to be anonymized. They are also responsible for following SHU guidelines about data encryption and research data management. Information on the [Ethics Website](#)

The form also enables the University and College to keep a record confirming that research conducted has been subjected to ethical scrutiny.

The form may be completed by the student and the 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. Some courses may require additional scrutiny. Students should retain a copy for inclusion in their research projects, and a copy should be uploaded to the relevant module Blackboard site.

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 College Health and Safety Service.

Checklist Questions to ensure that this is the correct form
1. Health Related Research with the NHS or Her Majesty's Prison and Probation Service (HMPPS)or with participants unable to provide informed consent

Question	Yes/No
• Does the research involve?	NO
• Patients recruited because of their past or present use of the NHS	NO
• Relatives/carers of patients recruited because of their past or present use of the NHS	NO
• Access to data, organs or other bodily material of past or present NHS patients	NO
• Foetal material and IVF involving NHS patients	NO
• The recently dead in NHS premises	NO
• Prisoners or others within the criminal justice system recruited for health-related research*	NO
• Police, court officials, prisoners or others within the criminal justice	NO

system*	
• Participants who are unable to provide informed consent due to their incapacity even if the project is not health related	NO
• Is this a research project as opposed to service evaluation or audit? *For NHS definitions of research etc. please see the following website* http://www.hra.nhs.uk/documents/2013/09/defining-research.pdf	NO

If you have answered YES to questions 1 & 2 then you MUST seek the appropriate external approvals from the NHS, Her Majesty's Prison and Probation Service (HMPPS) under their independent Research Governance schemes. Further information is provided below. https://www.myresearchproject.org.uk

NB College Teaching Programme Research Ethics Committees (CTPRECS) provide Independent Scientific Review for NHS or HMPPS research and initial scrutiny for ethics applications as required for university sponsorship of the research. Applicants can use the IRAS proforma and submit this initially to their CTPREC.

• **Checks for Research with Human Participants**

Question	Yes/No
• Will any of the participants be vulnerable? *Note: Vulnerable' people include children and young people, people with learning disabilities, people who may be limited by age or sickness, people researched because of a condition they have, etc. See full definition on ethics website*	NO
• Are drugs, placebos or other substances (e.g. food substances, vitamins) to be administered to the study participants or will the study involve invasive, intrusive or potentially harmful procedures of any kind?	NO
• Will tissue samples (including blood) be obtained from participants?	NO
• Is pain or more than mild discomfort likely to result from the study?	NO
• Will the study involve prolonged or repetitive testing?	NO
• Is there any reasonable and foreseeable risk of physical or emotional harm to any of the participants? *Note: Harm may be caused by distressing or intrusive interview questions, uncomfortable procedures involving the participant, invasion of privacy, topics relating to highly personal information, topics relating to illegal activity, or topics that are anxiety provoking, etc.*	NO
• Will anyone be taking part without giving their informed consent?	NO
• Is it covert research? *Note: 'Covert research' refers to research that is conducted without the knowledge of participants.*	NO

• Will the research output allow identification of any individual who has not given their express consent to be identified?	NO

If you have answered **YES** to any of these questions you are **REQUIRED** to complete and submit a UREC 3 or UREC4). Your supervisor will advise. If you have answered **NO** to all these questions then proceed with this form (UREC 2).

General Details

Name of student	Korneliusz Bedynski
SHU email address	B7024225@hallam.shu.ac.uk
Course or qualification (student)	Computer Science for Games
Name of supervisor	Christopher Roast
email address	C.R.Roast@shu.ac.uk
Title of proposed research	2D DirectX Support Framework
Proposed start date	06/10/2020
Proposed end date	15/04/2021
Background to the study and scientific rationale for undertaking it.	Creating a 2D project with C++ is extremely tedious right now as C++ programming language does not possess a visual library of its own and the only way to do it, is to find and learn different visual libraries that are less known and not as desirable to learn.

This project explores the 2D aspect of DirectX to create an easier approach to creating 2D projects and games in C++ programming language.

Using DirectX to code with C++ presents a much more appealing approach, to newer programmers and experienced ones that are looking to expand their skills set as knowing how to code in C++ is highly sought after by many companies and 2D is usually the starting point for many programmers to learn new things. |

Aims & research question(s)	• This data will be used to judge whenever the program created as part of this project will meets its purpose. • Question will be given to participants regarding the program performance and ease of use. • The participants will be given the ability to share what they thought of the program overall.

Methods to be used for:
   1.recruitment of participants,
 	
   2.data collection,
 	
   3. data analysis.
	1. Participants will have a choice to participate via an online email almost like an advertisement, I will ask my university if I can send this email to first- and second-year students. The students will be able to quit at any time without any consequences.
	 2. The participants will be given a copy of the application and a small set of tasks to complete, they tasks will not be graded or recorded in any way they a purely to see if the student could complete them.
	 3. The participants will be given an online form to complete that Is not compulsory to do so, with in that form there will be a set of question regarding the application and how did they do on the set of tasks, this will not be graded either. The
	 4. The Online form will be fully Anonymous.
	 5. The Final Evaluation of data be done online.

Outline the nature of the data held, details of anonymisation, storage and disposal procedures as required.	1. The data from the forms will be stored on to my university account in a form of a excel spread sheet, then the data will be analysed by me to see what kind of improvement the application needs. 2. After the Project will be finished the data will be deleted and not saved anywhere else.

3. Research in Organisations

Question	Yes/No
• Will the research involve working with/within an organisation (e.g. school, business, charity, museum, government department, international agency, etc.)?	NO
• 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.*	

• If you answered NO to question 2, is it because:
 	
     • you have not yet asked
     • you have asked and not yet received an answer
     • you have asked and been refused access.	

Note: You will only be able to start the research when you have been granted access.	

4. Research with Products and Artefacts

Question	Yes/No
1. Will the research involve working with copyrighted documents, films, broadcasts, photographs, artworks, designs, products, programmes, 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.*	YEs
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.*	
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.*	**A/B/C**

Adherence to SHU policy and procedures

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: Korneliusz Bedynski	Date: 30/10/2020

Signature: Korneliusz Bedynski	
Supervisor or other person giving ethical sign-off	
I can confirm that completion of this form has not identified the need for ethical approval by the FREC or an NHS, Social Care or other external REC. The research will not commence until any approvals required under Sections 3 & 4 have been received and any necessary health and	
safety measures are in place.	
Name: Chris Roast	Date: 29/10/2020
Signature: C. R. Roast	
Additional Signature if required by course:	
Name:	Date:
Signature:	

Please ensure the following are included with this form if applicable, tick box to indicate:

	Yes	No	N/A
Research proposal if prepared previously			
Any recruitment materials (e.g. posters, letters, etc.)			
Participant information sheet			
Participant consent form			
Details of measures to be used (e.g. questionnaires, etc.)			
Outline interview schedule / focus group schedule			
Debriefing materials			
Health and Safety Project Safety Plan for Procedures			