

resubmission

Dublin City University School of Computing ETHICS COMMITTEE

NOTIFICATION FORM FOR LOW-RISK PROJECTS AT UNDERGRADUATE OR TAUGHT MASTERS LEVELS

Num	ication iber:			
	read the following informat juidelines will make your su	•	e completing your application for review.	n. Failure to adhere to
>	Download this form			
>	Completed applications molecated in "docs/ethics	•	your School of Computing	GitLab repo, and must be
>	Your supervisor will be no	otified automatically	and must approve your ap	proach initially.
>	include this form and also n	nust incorporate all s s e.g consent forms,	tronic file (PDF) only. The outplementary documentation, plain English language state	, especially that being given
>	All sections of the applic given.	ation form must be	e answered as instructed a	nd within the word limits

Applications must be completed on this form; answers in the form of attachments will not be accepted, except where indicated. No hard copy applications will be accepted. The project must not commence until written

Applications which do not adhere to all of these requirements will not be accepted for review and will require

approval has been received from the School of Computing Ethics Committee.

PROJECT TITLE	Passport Application System
PRINCIPAL INVESTIGATOR(S) The named Principal Investigator is the person with primary responsibility for the research project. In the case of Taught Masters projects and undergraduate projects the supervisor is the Principal Investigator.	Alistair Sutherland
START AND END DATE	Start: 02/11/2018 End: 19/05/2019
LEVEL OF RISK Please indicate whether this project requires more than a notification Justification for your choice is required under section 3.1	Notification

Please confirm that <u>all</u> supplementary information is included in your application (in electronic copy). If questionnaire or interview questions are submitted in draft form, please indicate this by putting (draft) after YES. A copy of the final documentation must be submitted for final approval when available.

My application has been collated as one electronic file which includes the following documentation:	INCLUDED (mark as YES)	NOT APPLICABLE (mark as N/A)
Bibliography		N/A
Recruitment advertisement		N/A
Plain language statement/Information statement	YES	
Informed consent form	YES	
Personal Data Security Schedule https://www.dcu.ie/sites/default/files/info/3blank_data_security_schedule.xls		N/A
Evidence of external approvals related to the research		N/A
Questionnaire/Survey	YES	
Interview/Focus Group Questions		N/A
Debriefing material		N/A
Other (e.g. local government approval)		N/A

Please note:

- 1. Any amendments to the original approved proposal must receive prior SCEC approval.
- 2. As a condition of approval investigators are required to document and report immediately to SCEC any adverse events, any issues which might negatively impact on the conduct of the research and/or any complaint from a participant relating to their participation in the study

1. ADMINISTRATIVE DETAILS

Project Type (select one): Undergraduate Project – Final Year

(projects at other levels, e.g. PhD or research Masters, should be approved by the University's REC if necessary)

1.1 INVESTIGATOR CONTACT DETAILS

PRINCIPAL INVESTIGATOR(S): Your supervisor and other academic staff who are assisting, it should be clear who is the person who is carrying out the research procedures.

NAME	SCHOOL/UNIT	EMAIL
Alistair Sutherland	School of Computing	alistair.sutherland@dcu.
		ie

OTHER INVESTIGATORS (STUDENT(S):

NAME	SCHOOL/UNIT	EMAIL
Stephen McDonagh	School of Computing	stephen.mcdonagh59@ mail.dcu.ie
		Thail.dod.io

1.2 WILL THE RESEARCH BE UNDERTAKEN ON-SITE AT A Dubl	lin City	/ University	CAMPUS?
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YES	or	NO	
NO			

(If NO, state details of the off-campus location – provide details of the approval to gain access to that location in section

2.7.)

Most of the research will be completed on campus, however I may need friends and family to test my system which will be completed at home.

1.3 IS THIS PROTOCOL BEING SUBMITTED TO ANOTHER ETHICS COMMITTEE, OR HAS IT BEEN PREVIOUSLY SUBMITTED TO AN ETHICS COMMITTEE?

YES	or	NO)
NO			

(If YES, please provide details and attach copies of approval(s) received etc.)

DECLARATION BY PRINCIPAL INVESTIGATOR(S)

The information contained herein is, to the best of my knowledge and belief, accurate. I have read the University's current research ethics guidelines, and accept responsibility for the conduct of the procedures set out in the attached application in accordance with the form guidelines, the SCEC guidelines (https://www.dcu.ie/researchsupport/researchethics.shtml), the University's policy on Conflict

of Interest, Code of Good Research Practice and any other condition laid down by the Dublin City University Research Ethics Committee. I have attempted to identify all risks related to the research that may arise in conducting this research and acknowledge my obligations and the rights of the participants.

If there exists any affiliation or financial interest for researcher(s) in this research or its outcomes or any other circumstances which might represent a perceived, potential or actual conflict of interest this should be declared in accordance with Dublin City University policy on Conflicts of Interest.

I and my co-investigators or supporting staff have the appropriate qualifications, experience and facilities to conduct the research set out in the attached application and to deal with any emergencies and contingencies related to the research that may arise.

Electronic Signature(s):

Principal investigator(s): _Mhstav Suma

Print Name(s) here:____Alistair Sutherland

Date: 08/02/2019

2. PROJECT OUTLINE

2.1 LAY DESCRIPTION (Max. 300 words)

Please outline, in terms that any non-expert would understand, what your research project is about, including what participants will be required to do. Please explain any technical terms or discipline-specific phrases.

The aim of the project is to provide an online passport application system in which users can fill out their details and provide a picture that is to be checked by the system to be of "passport quality". The user will be told before starting the application that they should not enter their own information and to use made up or "dummy information". I need to monitor how the users interact with the system and make any changes necessary. The images I will be using for facial detection will be retrieved from an online open source database of images. These images will be used to test that my system works as expected.

2.2 AIMS OF AND JUSTIFICATION FOR THE RESEARCH (Max. 400 words)

State the aims and significance of the project. Where relevant, state the specific hypothesis to be tested. Please provide a brief description of background research, a justification as to why this research project should proceed in that context and an explanation of any expected benefits to the community. NB – all references cited should be listed in an attached bibliography.

The aim of the project is to provide an easy to use online passport application system. The information the users provide as their "dummy details" is not important but I would like to provide a good user experience with my system which is why I need users to test it.

2.3 DESCRIBE THE METHODOLOGY BEING USED TO ACHIEVE YOUR STATED AIMS

Provide an outline of the proposed method and state who is doing which task – include details of data collection techniques, the tasks participants will be asked to do, the estimated time commitment involved, and how data will be analysed. If the project includes any procedure which is beyond already established and accepted techniques please include a description of it. There should be enough detail provided to facilitate ethical review, but applicants are encouraged to keep it as succinct as possible.

The participants will be asked to follow a typical application process, therefore filling in name, date of birth etc. As mentioned before, this information is not of importance and the user will be told to not enter any personal information that is their own.

2.4 PARTICIPANT PROFILE

Provide the number, age range and source of participants. Please provide a justification of your proposed sample size. Please provide a justification for selecting a specific gender, age, or any other group if this is done in your project.

I would like to have 5-10 people test my system. The age of all participants will be over 18. I will be asking classmates, friends and family to test my system.

2.4(a) PARTICIPANT VULNERABILITY

Are some or all of participants vulnerable in any way? (e.g by virtue of the group they belong to, people who have undergone traumatic or adverse emotional events, people with diminished cognitive ability, power relations between researchers and participants etc.)? If they are, state what this vulnerability (or vulnerabilities) is and justify why this research is being done with such participants.

(b)	CHILD PARTICIPANTS (anyone under 18 years old) If your participants include children, you must confirm that you are in compliance with the research specific participants.	pecific quideline
	detailed in "Keeping Children Safe - Policies and Procedures supporting Child Protection at Di https://www4.dcu.ie/sites/default/files/policy/157%20- %20child_protection_handbook_rev1%282%29%281%29.pdf	
	Please indicate your compliance with the following guidelines:	Mark here
	We confirm that we have read and agree to act in accordance with the DCU Child Protection policy and procedures	N/A
	We confirm that we have put in place safeguards for the children participating in the research	N/A
	We confirm that we have supports in place for children who may disclose current or historical abuse (whether or not this is the focus of the research)	N/A
	EXPLAIN HOW PARTICIPANTS ARE TO BE RECRUITED Please provide specific details as to how you will be recruiting participants. How will people be info	ormed that you
	Please provide specific details as to how you will be recruiting participants. How will people be infidoing this research? How will they be approached and asked if they are willing to participate? If phoning people, please explain how you have obtained their names and contact details. If a recruitment	you are mailin
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HAS A SIMILAR PROPOSAL BEEN PREVIOUSLY APPROVED BY THE DCU SCEC?

YES or NO 2.8

NO

(If YES, please state both the REC Application Number and Project Title)	

3. RISK AND RISK MANAGEMENT

3.1 JUSTIFICATION OF STATED LEVEL OF RISK TO RESEARCH PARTICIPANTS

You must provide a justification for the stated level of risk, as indicated on the cover page of your application. Note that the level of risk may be influenced by the vulnerability of the research group, the methods employed and the nature of the research itself. For further information on risk levels, please refer to the Levels of Review information on the website: https://www.dcu.ie/researchsupport/researchethics.shtml

The level of risk for my system is extremely low. There will be no users under the age of 18. There will be no personal information taken as the users will be informed to enter dummy information. The images used for testing facial detection will be openly available and the users will not be asked to provide a picture of themselves.

3.2 DOES THE RESEARCH INVOLVE:

	YES or NO
use of a questionnaire? (attach copy)?	YES
interviews (attach interview questions)?	NO
observation of participants without their knowledge?	NO
participant observation (provide details in section 2)?	NO
audio- or video-taping interviewees or events?	NO
 access to personal and/or confidential data (including student, patient or client data) without the participant's specific consent? 	NO
administration of any stimuli, tasks, investigations or procedures which may be experienced by participants as physically or mentally painful, stressful or unpleasant during or after the research process?	NO
performance of any acts which might diminish the self-esteem of participants or cause them to experience embarrassment, regret or depression?	NO
investigation of participants involved in illegal activities?	NO
procedures that involve deception of participants?	NO
administration of any substance or agent?	NO
use of non-treatment of placebo control conditions?	NO
collection of body tissues or fluid samples?	NO
collection and/or testing of DNA samples?	NO
participation in a clinical trial?	NO
administration of ionising radiation to participants?	NO

3.3 POTENTIAL RISKS TO PARTICIPANTS AND RISK MANAGEMENT PROCEDURES

Identify, as far as possible, all potential risks to participants (physical, psychological, social, legal, economic, etc.), associated with the proposed research. Please explain what risk management procedures will be put in place to minimise these risks.

The risk to the users is none. Before beginning the application process the users will be informed verbally and in writing(on questionnaire) to not provide any personal information to the system as I just want their opinion if they found the system easy to use.

3.4 ARE THERE LIKELY TO BE ANY BENEFITS (DIRECT OR INDIRECT) TO PARTICIPANTS FROM THIS RESEARCH?

YES or NO	
(If YES, prov	ide details.)
	E ANY SPECIFIC RISKS TO RESEARCHERS? clude use of dangerous materials, asking certain types of questions, research being undertaken in
	ea rchers working alone in isolated areas, etc.
NO	
(If YES, pleas	se describe and explain what risk management procedures will be put in place to minimise these risks.
	NITH ADVERSE/UNEXPECTED OUTCOMES
	ibe what measures/protocols you have put in place in the event that there are any unexpected outco cts to participants arising from involvement in the project.
T	
	vill be told that they should not enter personal information both verbally and writt enters personal information it can be deleted permanently.
	THE CONDUCT OF THE PROJECT BE MONITORED? in how the principal investigator will monitor the conduct of the project (especially where several peo
involved in re	ecruiting or interviewing, administering procedures, etc.) to ensure that it conforms with the procedu plication. In the case of student projects please give details of how the supervisor(s) will monitor the c
of the project	
The super	visor will be continuously updated on project progress and will also be given a co
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3.9 DO YOU PROPOSE TO OFFER PAYMENTS OR INCENTIVES TO PARTICIPANTS? YES or NO

YES or NO

(If YES, please provide further details.)
DO ANY OF THE RESEARCHERS ON THIS PROJECT HAVE A PERSONAL, PHILOSOPHICAL, FINANCIAL OR COMMERCIAL INTEREST IN ITS OUTCOME THAT MIGHT INFLUENCE THE INTEGRITY OF THE RESEARCH, OR BIAS THE CONDUCT OR REPORTING OF THE RESEARCH, OR UNDULY DELAY OR OTHERWISE AFFECT THEIR PUBLICATION? YES OF NO NO
(If YES, please specify how this conflict of interest will be addressed.)

y ari	
eph	en McDonagh will be carrying out the user testing. Stephen is a final year CASE student.
	CONFIDENTIALITY/ANONYMITY
	WILL THE IDENTITY OF THE PARTICIPANTS BE PROTECTED? YES or NO YES
	(If NO, please explain why.)
VΟΙ	I ANSWERED YES TO 5.1. PLEASE ANSWER THE FOLLOWING OUESTIONS:
ΥΟι	I ANSWERED YES TO 5.1, PLEASE ANSWER THE FOLLOWING QUESTIONS:
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INVESTIGATORS' QUALIFICATIONS, EXPERIENCE AND SKILLS (Approx. 200 words)

List the academic qualifications and outline the experience and skills relevant to this project that the PI, other researchers and any

6.	PERSONAL DATA - COMPLIANCE WITH THE GENERAL DATA PROTECTION	REGULATION
from the DCU an	al data is data relating to a living individual (i.e. the 'Data Subject') who is, or can be, identified either from the data in conjunction with other information that is in, or is likely to come into, the possession of the 'Data d its constituent units e.g. research teams etc.). Further information on personal data is available from the inn Unit at https://www.dcu.ie/ocoo/dp/guides.shtml	Controller' (i.e.
6.1	IS PERSONAL DATA BEING PROCESSED AS PART OF THIS PROJECT? YES OF NO NO	
	If YES, Please indicate your compliance with the following guidelines:	Mark here
	We confirm that we have read and agree to act in accordance with DCU Data	
	Protection Unit guidance and procedures regarding personal data	
	We confirm that we have put in place a Personal Data Security Schedule (PDSS) for	
	the project and have attached it to this application	
IF YOU	guidance ANSWERED YES TO 6.1, PLEASE ANSWER THE FOLLOWING QUESTIONS: WHAT KIND OF PERSONAL DATA IS BEING PROCESSED? Note special categories of personal data include health data, genetic data and/or data relating participants, their sex lives and/or sexual orientation	to ethnicity/race of
6.3	WILL ANONYMISATION/PSEUDONYMISATION OF THE PERSONAL DATA BE UNDERTYPES OF NO YES	TAKEN?
	(If NO, please explain why.)	

7. DATA/SAMPLE STORAGE, SECURITY AND DISPOSAL

For the purpose of this section, "Data" includes that in a raw or processed state (e.g. interview audiotape, transcript or analysis). "Samples" include body fluids or tissue samples.

7.1 HOW AND WHERE WILL THE DATA/SAMPLES BE STORED?

Note that the SCEC recommends that all data be stored on campus - please justify any off-site storage.

The dummy information provided will be stored in a sqlite database. No real personal information is given or stored.

7.2 WHO WILL HAVE ACCESS TO DATA/SAMPLES?

If people other than the main researchers have access, please name who they are and explain for what purpose.

Only Stephen will have access to data.

7.3 HOW LONG IS THE DATA TO BE HELD/RETAINED FOR?

Note that with very few exceptions **personal data** may not be retained indefinitely. It is up to the unit or research team to establish an upper retention limit for each category of personal data under its control.

Until the project has been presented.

7.4 IF DATA/SAMPLES ARE TO BE DISPOSED OF, PLEASE EXPLAIN <u>HOW, WHEN</u> AND <u>BY WHOM</u> THIS WILL BE DONE?

Note that simply deleting files is not sufficiently secure. The additional steps to be taken to maintain data security should be given. **Personal data** must be disposed of in a safe and secure manner at the end of its retention period. If the data is stored in a: a) paper based format then shredding or disposal via a secure bin is recommended; or b) if it is stored in an electronic based format then deletion of the record or full anonymization of the data is recommended. If data/samples are NOT being disposed of, please justify this decision.

All database information will be deleted after the presentation.

8.	FUNDING OF THE RESEARCH
8.1	HOW IS THIS WORK BEING FUNDED, IF IT IS EXTERNALLY FUNDED?
	N/A
8.2	PROJECT GRANT NUMBER (If relevant and/or known – otherwise mark as N/A)
	N/A
8.3	DOES THE PROJECT REQUIRE APPROVAL BEFORE CONSIDERATION FOR FUNDING BY A GRANTING BODY? YES or NO NO
8.4.1	HOW WILL PARTICIPANTS BE INFORMED OF THE SOURCE OF THE FUNDING? (e.g. included in the Plain Language Statement) N/A
8.5	DO THE FUNDERS OF THIS PROJECT HAVE A PERSONAL, FINANCIAL OR COMMERCIAL INTEREST IN ITS OUTCOME THAT MIGHT COMPROMISE THE INDEPENDENCE AND INTEGRITY OF THE RESEARCH, OR BIAS THE CONDUCT OR REPORTING OF THE RESEARCH, OR UNDULY DELAY OR OTHERWISE AFFECT THEIR PUBLICATION?
	YES or NO NO
	(If YES, please specify how this conflict of interest will be addressed.)

PLAIN LANGUAGE STATEMENT (Attach to this document. Approx. 400 words)

A Plain Language Statement (PLS) should be used in all cases. This is written information in plain language that you will be providing to participants, outlining the nature of their involvement in the project and inviting their participation. The PLS should specifically describe what will be expected of participants, the risks and inconveniences for them, and other information relevant to their involvement. Please note that the language used must reflect the participant age group and corresponding comprehension level – if your participants have different comprehension levels (e.g. both adults and children) then separate forms should be prepared for each group. The PLS can be embedded in an email to which an online survey is attached, or handed/sent to individuals in advance of their consent being sought. See link to sample templates on the website:

https://www.dcu.ie/researchsupport/ethicsapproval.shtml

PLEASE CONFIRM WHETHER THE FOLLOWING ISSUES HAVE BEEN ADDRESSED IN YOUR PLAIN LANGUAGE STATEMENT/ INFORMATION SHEET FOR PARTICIPANTS:

	YES or NO
Introductory Statement (PI and researcher names, school, title of the research)	YES
What is this research about?	YES
Why is this research being conducted?	YES
What will happen if the person decides to participate in the research study?	YES
How will their privacy be protected?	YES
How will the data be used and subsequently disposed of?	YES
What are the legal limitations to data confidentiality?	NO
What are the benefits of taking part in the research study (if any)?	YES
What are the risks of taking part in the research study?	YES
Confirmation that participants can change their mind at any stage and withdraw from the	YES
study	
How will participants find out what happens with the project?	NO
Contact details for further information (including SCEC contact details)	YES
Details relating to GDPR Compliance if Personal Data is being sought	YES

If any of these issues are marked NO, please justify their exclusion:

Participants will not find out what happens to the project.

10. INFORMED CONSENT FORM (Attach to this document. Approx. 300 words)

In most cases where interviews or focus groups are taking place, an Informed Consent Form is required. This is an important document requiring participants to indicate their consent to participate in the study, and give their signature. If your participants are minors (under 18), it is best practice to provide them with an assent form, while their parents/guardians will be given the Informed Consent Form. In cases where an anonymous questionnaire is being used, it is enough to include a tick box in the questionnaire (underneath the information section for participant), where participants can indicate their consent.

See link to sample templates on the website: https://www.dcu.ie/researchsupport/ethicsapproval.shtml

NB – IF	F AN	INFOF	RMED	CONS	ENT	FORM	IS NO	Γ BEING	USED,	THE	REASON	I FOR	THIS	MUST	BE	JUSTIF	FIED
HERE.																	

DUBLIN CITY UNIVERSITY

Plain Language Statement

1. Introduction to the Research Study

School: School of Computing.

Title: Passport Application System.

Principal Investigator: Alistair Sutherland.

Contact Details: alister.sutherland@dcu.ie

Other Investigators: Stephen McDonagh.

Contact Details: stephen.mcdonagh59@mail.dcu.ie

2. Details of what involvement in the Research Study will require

As part of my system, I require you to enter in some information into the system I have created. The information to be entered **IS NOT** to be any personal information of your own and the you can make it up as they wish.

I require you to then complete an anonymous questionnaire in which I will ask you about the application and if the process was easy. The whole process will not take any longer than 10 minutes.

The research is being conducted as I would like to have some users test my system so I can make any necessary changes.

The answers to the questionnaire will help improve the user experience of the system.

The dummy data entered will not be of any importance as we are just testing the users overall experience while using the system. The dummy data will be disposed of after the submission of the project.

3. Potential risks to participants from involvement in the Research Study (if greater than that encountered in everyday life)

You have been informed that no personal information of their own should be given and because of this there is no risk to the participants involved.

4. Benefits (direct or indirect) to participants from involvement in the Research Study

There will be no benefit to the participants for taking part.

5. Statement that involvement in the Research Study is voluntary

If you wish, you can stop taking part in the research at any time.

Your involvement/non-involvement in this research project will in no way affect any on-going relationship with Dublin City University.

6. GDPR Compliance

As stated before, you should not enter any personal information.

If you have concerns about this study and wish to contact an independent person please contact:

The Secretary,

Dublin City University Research Ethics Committee,

c/o Research and Innovation Support,

Dublin City University,

Dublin 9.

Tel 01-7008000,

E-mail: rec@dcu.ie

CA400 Passport Application System Questionnaire(DRAFT)

I have been given general information about this project and the types of questions I can expect to answer. I understand that the survey/questionnaire will be conducted anonymously and that it will take approximately 5 minutes of my time to complete.

I understand that my participation in this project is completely voluntary and that I am free to decline to participate, without consequence, at any time prior to or at any point during the activity.

I understand that any information entered into the passport application system will not be personal and will be made up or "dummy data".

I understand that the results of this activity will be used exclusively in the below-named student's Dublin City University's course assignment and none of the information I provide will be published, in any form, in any journals or conference proceedings.

I also understand that there are no risks involved in participating in this activity, beyond those risks experienced in everyday life.

I have read the information above. By ticking the box and returning this form, I are	n
consenting to participate in this survey/questionnaire project.	

1. Did you find completing the application easy?

	YES or NO	
If you	answered no	, why?

2. Did you find the chatbot service helpful?

YES or NO



If you answered no, why?

3. Would you change anything about the user interface.

YES or NO



If you answered yes, why?

- 4.
- 5.