

Dublin City University School of Computing ETHICS COMMITTEE

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

Application Number:		

<u>Please read the following information carefully before completing your application. Failure to adhere to these guidelines will make your submission ineligible for review.</u>

- Download this form
- Completed applications must be uploaded to your School of Computing GitLab repo, and must be located in "docs/ethics.pdf".
- > Your supervisor will be notified automatically and must approve your approach initially.
- The application should consist of one electronic file (PDF) only. The completed application must include this form and also must incorporate all supplementary documentation, especially that being given to the proposed participants e.g consent forms, plain English language statement. It must be proofread and spell-checked before submission.
- > All sections of the application form must be answered as instructed and within the word limits given.

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

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 <u>must not</u> commence until written approval has been received from the School of Computing Ethics Committee.

PROJECT TITLE	CA400 – Bróga Nua
PRINCIPAL INVESTIGATOR(S) The named Principal Investigator is the person with primary responsibility for the research	Gareth Jones

project. In the case of Taught Masters projects and undergraduate projects the supervisor is the Principal Investigator.	
START AND END DATE	
Please indicate whether this project requires more than a notification Justification for your choice is required under section 3.1	Low Risk

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/3 . blank 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

Undergraduate Project – non-final Year

Taught Masters (Practicum)

(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
Gareth Jones	School of Computing	gareth.jones@dcu.ie

OTHER INVESTIGATORS (STUDENT(S):

NAME	SCH00L/UNIT	EMAIL
Olan Buckeridge	School of Computing	olan.buckeridge2@mail.dc u.ie

1.2	WILL THE RESEARCH BE UNDERTAKEN ON-SITE AT A Dublin City University
	CAMPUS ?

YES	or	NO
YES		

(If NO state details of the off compute location in provide details of the approval to gain access to that location in acceptance								
(If NO, state details of the off-campus location – provide details of the approval to gain access to that location in section	(If NO,	state details of	of the off-campus	location – provide	e details of the app	proval to gain acces	ss to that location in	section

<mark>2.7.)</mark>

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 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): Gareth Jones

Print Name(s) here: Gareth Jones

Date: 03/04/2019

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.

This application will provide an e-commerce platform for users to shop Irish retailers for the latest sneakers and limited releases.

The app will allow users to browse sneakers in the catalogue section of all retailers and brands. They will be able to filter the catalogue to refine their search for the product they are looking for.

The app will use a news section to show users the limited releases that are happening in Ireland. This will contain information on how to purchase the sneakers, when and where, the information is provided from the retailers.

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 application has been developed as my Final Year Project in Computer Applications in DCU. It is an e-commerce application and therefore must be tested extensively for the consumers. The feedback from testing could provide insight into potential improvements to be made with the User Interface or with information provided from the application.

The global athletic footwear market was valued at 65 billion in 2017 and is expected to grow 5.0% in the next 3 years. One of the biggest issue's consumers face is finding the sneakers they are looking for. This application is aiming to provide a solution to this industry. It will save the consumers time and money. Instead of scrolling endlessly through Instagram to find where to purchase limited releases, they will be able to open the application and find out instantly or could receive a push notification regarding the information they require.

Testing will be performed through questionnaires within groups such as Sneakerhead Ireland – which is the target audiences and allowing users to install the APK to test on their own devices and provide feedback.

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.

User testing will be completed with members of the Sneakerhead Ireland community and friends. The users will install the application and sign-up. They will then be free to browse the catalog and limited releases. I will be looking for feedback regarding bugs and improvements. (15 minutes)

Questionnaires would be created using Google Forms and allow anonymous submission to collect user feedback regarding the application (5 minutes)

The feedback provided by these questionnaires will be then used to improve the application.

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.

The selected users will be from the Sneakerhead Ireland – Facebook Group. The group in question is a mixed gender group but primarily male. The group contains 2,700 members. For the questionnaire, I will be taking as much feedback as I can from the group but for user testing I will be looking for less than 50 users. I will be looking for people who are interested in the testing to email me regarding the application where I can then provide them with the APK.

The reason for selecting this group is that they are the target audience, this is application is designed with these users in mind.

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.

NO			
NO			

2.4(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 guidelines as detailed in "Keeping Children Safe - Policies and Procedures supporting Child Protection at DCU" - available at: 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	
We confirm that we have put in place safeguards for the children participating in the research	
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)	

2.5	EVDI AINI	HOW D	ADTICIDANTS	ADE TO B	E RECRUITED
2.3	EXPLAIN	HUVV P	AR HUIPAN I S	AKEIUD	E KEUKUITED

Please provide specific details as to how you will be recruiting participants. How will people be informed that you are doing this research? How will they be approached and asked if they are willing to participate? If you are mailing or phoning people, please explain how you have obtained their names and contact details. If a recruitment advertisement is to be used, please ensure you attach a copy to this application.

I will primarily be posting with the Sneakerhead Ireland Facebook Group.
Copy: "Hello, I am a final year student studying Computer Application at DCU. I am developing an e-commerce app for sneakers in Ireland. It will be using products from Brown Thomas, Life Style Sports, Nowhere and Elverys. You will be able to browse products from these retailers and brands. You will also be able to view limited releases that are occurring in Ireland and how to purchase them. If this is something that interests you, could you please fill out this questionnaire regarding the application. GOOGLE FORMS LINK"
2.6 PLEASE EXPLAIN WHEN, HOW, WHERE, AND TO WHOM RESULTS WILL BE DISSEMINATED, INCLUDING WHETHER PARTICIPANTS WILL BE PROVIDED WITH ANY INFORMATION AS TO THE FINDINGS OR OUTCOMES OF THE PROJECT?
All questionnaires will be performed anonymously.
2.7 ARE OTHER APPROVALS REQUIRED TO GAIN ACCESS TO ANOTHER LOCATION, ORGANISATION ETC.? YES or NO
NO NO
(If YES, please specify from whom and attach a copy of the approval documentation. If this is not yet available, please explain when this will be obtained.)
2.8 HAS A SIMILAR PROPOSAL BEEN PREVIOUSLY APPROVED BY THE DCU SCEC? YES or NO NO

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 review is to approve relatively low-risk research involving human participants, primarily using social science methodologies in which any personal information collected is not of a sensitive nature.

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)? 	YES
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.

N/A		
1477		

	RESEARCH?
	YES or NO
	YES
_	(If YES, provide details.)
	The students could potentially learn about new sneakers.
	ADE TUEDE ANN ODERIEN DIOKO TO DEGE A DOUEDOO
	ARE THERE ANY SPECIFIC RISKS TO RESEARCHERS? Examples include use of dangerous materials, asking certain types of questions, research being undertaken in certain
	locations, researchers working alone in isolated areas, etc. YES or NO
	NO CONTRACTOR OF THE CONTRACTO
	(If VES, places describe and explain what risk management procedures will be put in place to minimize those risks.)
	(If YES, please describe and explain what risk management procedures will be put in place to minimise these risks.)
	DEALING WITH ADVERSE/UNEXPECTED OUTCOMES
	Please describe what measures/protocols you have put in place in the event that there are any unexpected outcomes or
	adverse effects to participants arising from involvement in the project.
	and the special companies and any special companies are properly and the special companies are properly as the special companies are properly and the special companies are properly are properly are properly are properly and the special companies are properly are pr
	The application has been developed securely and tested to avoid any unexpected outcomes. Te
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DO YOU PROPOSE TO OFFER PAYMENTS OR INCENTIVES TO PARTICIPANTS? YES or NO NO O O O O O O O O O O O
VES or NO 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.
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
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YES OF NO NO
(If YES, please specify how this conflict of interest will be addressed.)

	ting staff have in carrying out the research and in dealing with any emergencies, unexpected outcomes, or contingencies that ise. State specifically who will be carrying out the research procedures
Profe	ssor Gareth Jones is the supervisor for the project.
Olan	Buckeridge BSc in Computer Application DCU (4th Year)
Olan	Buckeridge will be carrying out the research.
5.	CONFIDENTIALITY/ANONYMITY
5.1	WILL THE IDENTITY OF THE PARTICIPANTS BE PROTECTED? YES or NO YES (If NO, please explain why.)
IF YO	U ANSWERED YES TO 5.1, PLEASE ANSWER THE FOLLOWING QUESTIONS:
5.2	HOW WILL THE ANONYMITY OF THE PARTICIPANTS BE RESPECTED? Please bear in mind that where the sample size is very small, it may be impossible to guarantee anonymity/confidentiality of participant identity. Participants involved in such projects need to be advised of this limitation in the Plain Language Statement/Information Sheet. If you intend to fully anonymize the data, please provide details
	Questionnaires will be completed anonymously and any users testing the application, use information e.g. email and password will be deleted upon completion.
5.3	LEGAL LIMITATIONS TO DATA CONFIDENTIALITY Participants need to be made aware that confidentiality of information provided cannot always be guaranteed by researchers and can only be protected within the limitations of the law - i.e., it is possible for data to be subject to subpoena, freedom of information claim or mandated reporting by some professions. This information should be included

INVESTIGATORS' QUALIFICATIONS, EXPERIENCE AND SKILLS (Approx. 200 words)

in your Plain Language Statement and Informed Consent Form. Depending on the research proposal and academic discipline, you may need to state additional specific limitations.

State how and where participants will be informed of these limitations

Users will be informed of this in the Plain Language Statement.

6. PERSONAL DATA - COMPLIANCE WITH THE GENERAL DATA PROTECTION REGULATION

Personal data is data relating to a living individual (i.e. the 'Data Subject') who is, or can be, identified either from the data itself or from the data in conjunction with other information that is in, or is likely to come into, the possession of the 'Data Controller' (i.e. DCU and its constituent units e.g. research teams etc.). Further information on personal data is available from the DCU Data Protection Unit at https://www.dcu.ie/ocoo/dp/guides.shtml

6.1 IS PERSONAL DATA BEING PROCESSED AS PART OF THIS PROJECT?

YES	or	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 wih DCU Data Protection Unit guidance and procedures regarding personal data	YES
We confirm that we have put in place a Personal Data Security Schedule (PDSS) for the project and have attached it to this application	YES

Please see the GDPR and the Research Ethics Process section of the <u>SCEC main webpage</u> for guidance

IF YOU ANSWERED YES TO 6.1, PLEASE ANSWER THE FOLLOWING QUESTIONS:

6.2 WHAT KIND OF PERSONAL DATA IS BEING PROCESSED?

Note special categories of personal data include health data, genetic data and/or data relating to ethnicity/race of participants, their sex lives and/or sexual orientation

There is no personal data being stored about the participants. Any authentication information or images will not be persisted and will be deleted upon completion of testing.

6.3 WILL ANONYMISATION/PSEUDONYMISATION OF THE PERSONAL DATA BE UNDERTAKEN?

			_
YES	or	NO	
YES			

(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.

Will not be storing raw/processed data e.g interview audio, transcript

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.

Will not be storing raw/processed data e.g interview audio, transcript

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. The data will not be persisted after June.

7.4 IF DATA/SAMPLES ARE TO BE DISPOSED OF, PLEASE EXPLAIN <u>HOW</u>, <u>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.

Electronic data from user testing and questionnaires will be erased after the project has been demonstrated.

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		

	BODY?
	YES or NO
	N/A
8.4.1 HO	OW WILL PARTICIPANTS BE INFORMED OF THE SOURCE OF THE FUNDING? (e.g. included in the Plain
	Language Statement)
	N/A
	IVA
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
	N/A
	WVEO also and the state of the
Ī	(If YES, please specify how this conflict of interest will be addressed.)
Į	
_	
9.	PLAIN LANGUAGE STATEMENT (Attach to this document. Approx. 400 words)

8.3 DOES THE PROJECT REQUIRE APPROVAL BEFORE CONSIDERATION FOR FUNDING BY A GRANTING

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?	YES

What are the benefits of taking part in the research study (if any)?	
What are the risks of taking part in the research study?	
Confirmation that participants can change their mind at any stage and withdraw from the study	YES
How will participants find out what happens with the project?	YES
Contact details for further information (including SCEC contact details)	YES
Details relating to GDPR Compliance if Personal Data is being sought	YES

	now will participants find out what happens with the project?	TES
	Contact details for further information (including SCEC contact details)	YES
	Details relating to GDPR Compliance if Personal Data is being sought	YES
		<u> </u>
	If any of these issues are marked NO, please justify their exclusion:	
	L	
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. The	is is an important documen
	g participants to indicate their consent to participate in the study, and give their signature. If your pa	
18), it is	best practice to provide them with an assent form, while their parents/guardians will be given the	Informed Consent Form. In
	where an anonymous questionnaire is being used, it is enough to include a tick box in the question	naire
(undern	eath 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.sht	<mark>ml</mark>
	NB _ IF AN INFORMED CONSENT FORM IS NOT BEI NG USED, THE REASON FOR THI	S MUST RE JUSTIFIED
	HERE.	O MICOT DE COOTH IED
	N/A	

Plain Language Statement

Introduction to the Research Study

The research study is to be used for the CA400 "Bróga Nua" final year project in the school of computing. The primary researcher is Olan Buckeridge (olan.buckeridge2@mail.dcu.ie) and the project supervisor is Gareth Jones (gareth.jones@dcu.ie).

Details of what involvement the Research Study will require

The study will involve user testing (around 15 minutes in length). Participants will be asked to test the software and provide feedback of their experiences.

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

There are no benefits to participants.

Confidentiality procedures

The identity of the participants in this study will be kept anonymous. Data will be kept in a secure Google Drive.

Advice as to whether or not data is to be destroyed after a minimum period

Data will be destroyed upon completion of the project at the end of May 2018.

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

Olan Buckeridge, olan.buckeridge2@mail.dcu.ie

Or

Gareth Jones, gareth.jones@dcu.ie

Informed Consent Form

Introduction to the Research Study

The research study is to be used for the CA400 "Bróga Nua" final year project in the school of computing. The primary researcher is Olan Buckeridge (<u>olan.buckeridge2@mail.dcu.ie</u>) and the project supervisor is Gareth Jones (<u>gareth.jones@dcu.ie</u>).

Clarification of the purpose of the research

The purpose of this research is to provide feedback for the development of the CA400 project and to aid in the testing of the system.

Confirmation of requirements as highlighted in the Plain Language Statement

The study will involve user testing (around 15 minutes in length). Participants will be asked to test the software and provide feedback of their experiences.

<u>Participant – please complete the following (Circle Yes or No for each question)</u>

I have read the Plain Language Statement (or had it read to me) Yes/No

I understand the information provided Yes/No

I have had an opportunity to ask questions and discuss this study

Yes/No

I have received satisfactory answers to all my questions Yes/No

Confirmation that involvement in the Research Study is voluntary

Participation in this study is voluntary. Participants may withdraw from the study at any time.

Advice as to arrangements to be made to protect confidentiality of data

The identity of the participants in this study will be kept anonymous. Data will be kept in a secure Google Drive. Data will be destroyed by the end of May 2019.

Signature:

I have read and understood the information in this form. My questions and concerns have been answered by the researchers, and I have a copy of this consent form. Therefore, I consent to take part in this research project

answered by the researchers, and rhave a copy of this consent form.	mererore, reonseme to take par
in this research project	
Participants Signature:	

Date:

Name in Block Capitals:

User Testing Questions

- 1. How did you find navigating the application?
- 2. Are there any improvements you would make to the navigation?
- 3. Are they anything you found difficult to use?
- 4. How did you find the overall experience of the application?
- 5. Would you use this application?
- 6. Would you recommend this application to a friend/family?
- 7. What was your least favourite part of the application?
- 8. What was your favourite part of the application?
- 9. Do you have any recommendations on where you feel the application could improve?