

#### **School of Computer Science & Informatics**

**Ethical Approval Request Form** Form valid until 21<sup>st</sup> September 2018

#### Instructions

Do not use this form if your research is with the NHS or NHS-linked: please refer instead to the NHS Local Research Ethics Committee.

Do not use this form if your research involves adults who do not have the capacity to consent. Such projects have to be submitted to the National Research Ethics Service (NRES) system: http://nres.nhs.uk/

#### Please carefully review:

- School Research Ethics documentation
- Data management, collecting personal data, data protection act requirements
- Information Security Framework
- Research Integrity and Governance
- Research Ethics

Please complete the Research Integrity Online Training Programme (Staff link, Student link) prior to submitting this form.

Please complete this form at least **2 weeks** before starting your data collection/human involvement activities and send to <a href="mailto:comsc-ethics@cardiff.ac.uk">comsc-ethics@cardiff.ac.uk</a> along with **all** the relevant attachments:

- Full Project plan/proposal
- Participant Information Form, either:
  - hard copy, e.g briefing and debriefing (if appropriate)
  - online equivalent
- Consent Form or online equivalent (or justification as to why this is not possible)
- Certificate(s) of completion of the Research Integrity Online Training Programme (RIOTP) for all staff associated with a project (and students if applicable).
- (If applicable) Details concerning external funding
- (If an extension is requested) Provide a list of motivations and list of amendments to any previous approvals

Submissions will be reviewed at the next COMSC Research Ethics Group meeting held approximately fortnightly.

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1 General Information		
Title of Project:		
Love Cardiff Android App		
If this submission relates to a previous app	roval reques	t (e.g. a revision or extension):
Previous ID:		
If this approval refers to an Undergraduate	or Masters S	Student Project:
Student(s) Names and IDs:		
Zhuo Cui C1676095		
Supervisor Name(s):		
Natasha Edwards		
If this approval refers to a research project	(e.g. Staff, F	Postgraduate Research Student):
Principle Researcher:		
Other Researchers:		
Project Start Date: 7/7/2018	— End D	ate: <sup>31/8/2018</sup>
Attachments:	Yes NA	Document Version ID
Full project plan/proposal	×	
Participant Information Form		
Consent Form		
RIOTP Completion Certificates		
Details concerning external funding		
Motivations for and list of amendments		
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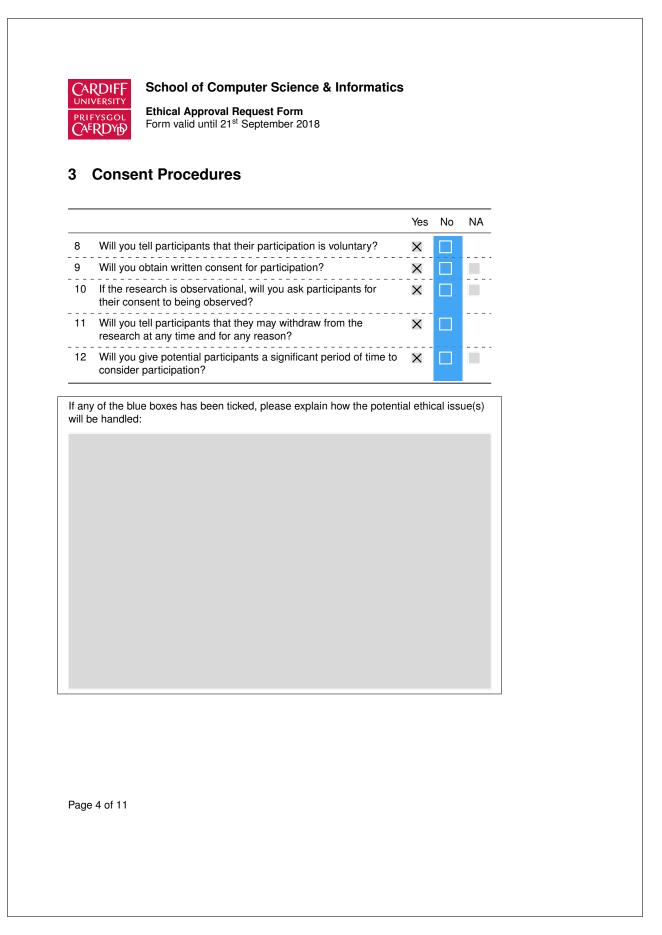


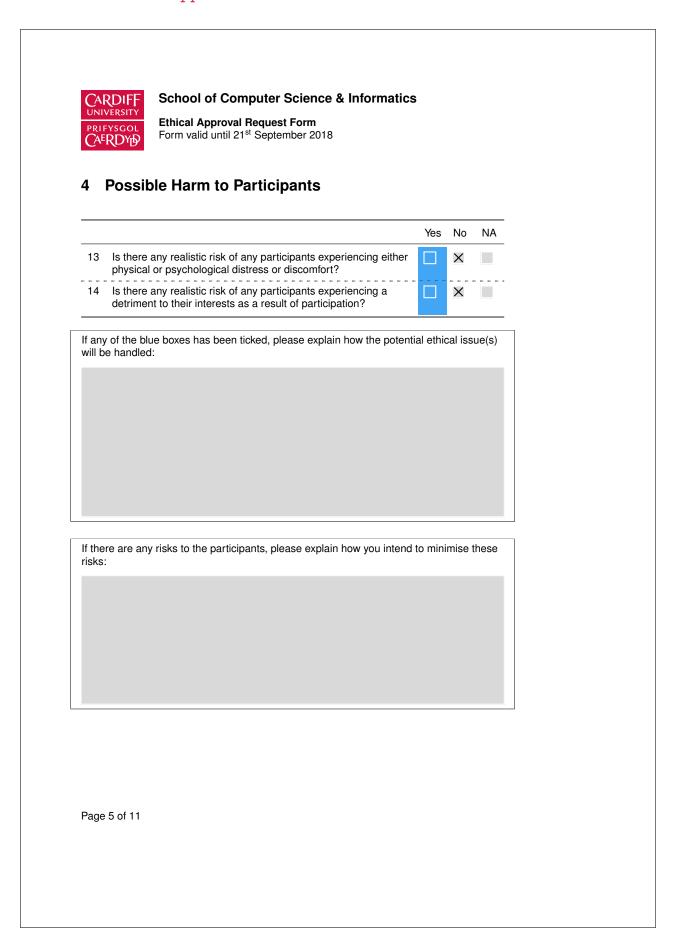
#### **School of Computer Science & Informatics**

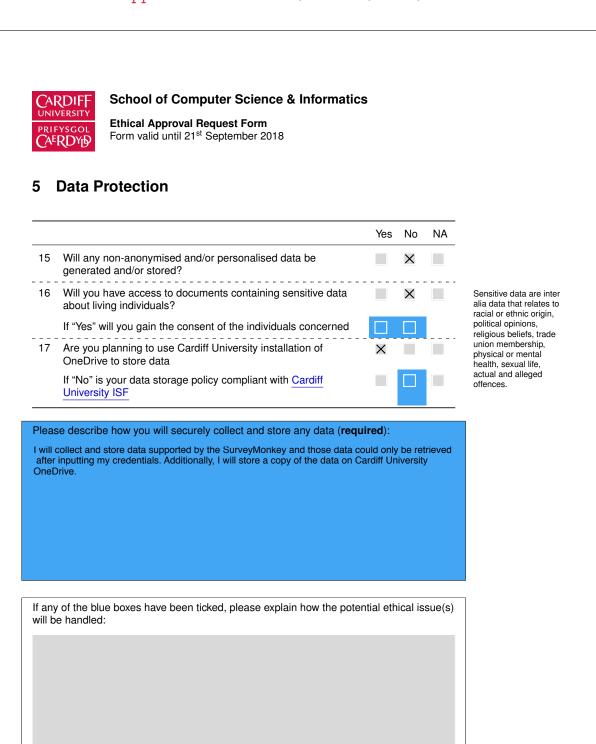
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		Yes	No	NA
1	Does your project include children under 18 years of age?		×	
	If "Yes," have you read and understood Cardiff University's Code of Practice for researchers Working With Children and Young People which forms part of the Safeguarding Children and Vulnerable Adults Policy? The Interim Guidance is at Appendix 1, Page 9 of this Policy		×	
2	Does your project include people with learning or communication difficulties?		×	
3	Does your project include people in custody?		X	
4	Is your project likely to include people involved in illegal activities?		X	
5	Does your project involve people belonging to a vulnerable group, other than those listed above?		×	
6	Does your project include people who are, or are likely to become your clients or clients of the department in which you work?		×	
7	Does your project provide for people for whom English / Welsh is not their first language?		X	
	ny of the blue boxes has been ticked, please explain how the potentia be handled:	al ethic	cal iss	ue(s)
	ase describe how do you plan to recruit participants:			
'le	I develop two electronic questionnaires and send the link to others through articipants would be my family members, friends and classmates. The partic			

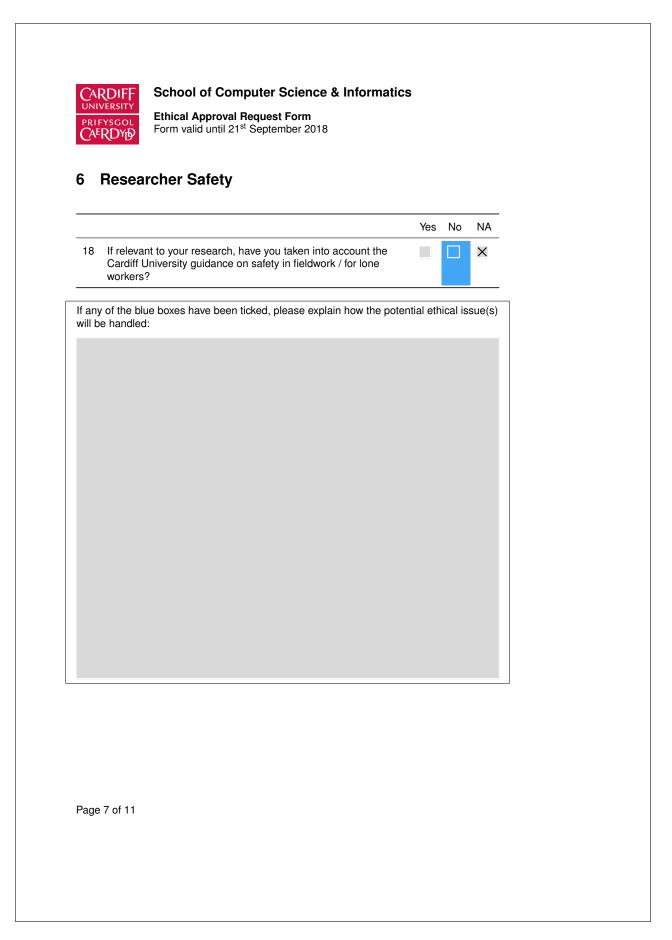
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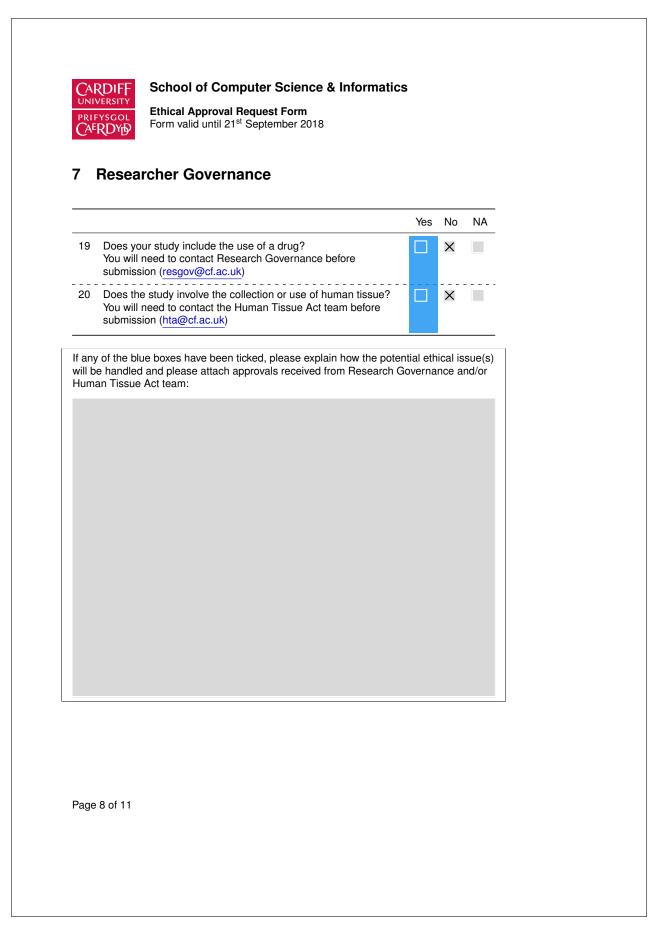


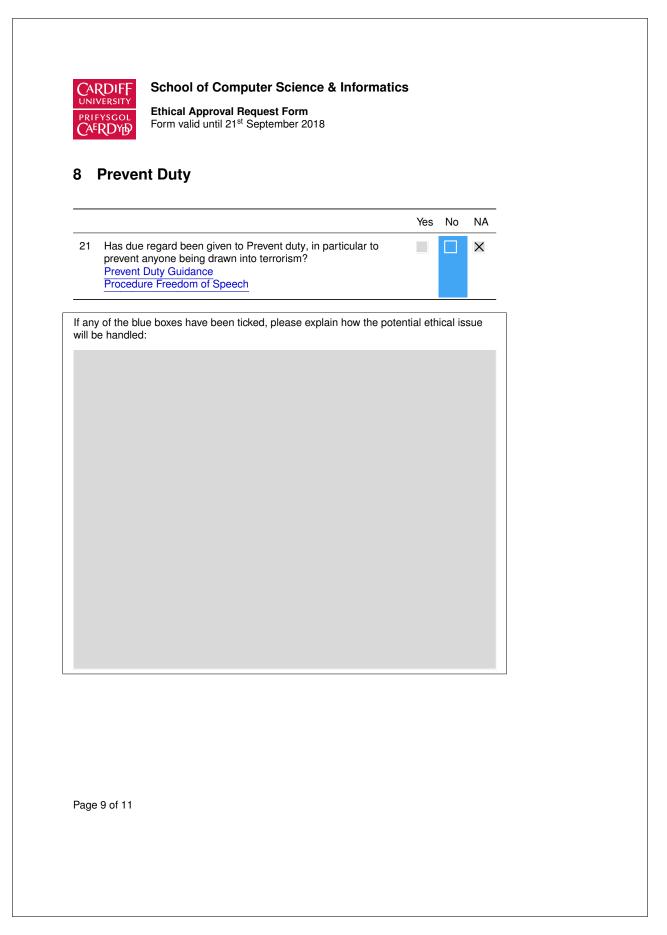




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#### 9 Other Ethical Considerations

If there are other potential ethical issues that you think the Committee should consider please explain them in the following space. It is your obligation to bring to the attention of the Committee any ethical issues not covered on this form.

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#### 10 Any other comments

If there is additional information that you think the Committee should consider please	
explain in the space below:	

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Please in them added form. You this student contact protect process By adding you are	If participant/identifier:	this n ta ttom,
	I understand that I am to take part in a briefing session, an use study procedure, and a debriefing session.	<u> </u>
•	I confirm that I have all of the prerequisites for participation as outlined in the Information Sheet, and consent that, where appropriate, any personal equipment I provide can be used for the purposes of this study.	
•	I confirm that I have read and understand the Information Sheet and have had the opportunity to ask questions about it.	
•	I understand that upon completion of the study, I will receive an use study testing for an app. In the case that I withdraw from the study, I understand that I will receive an usability questionnaire.	
•	I understand that participation in this study is entirely voluntary and that I can withdraw from the study at any time without giving a reason, and without loss of credit / payment (as applicable).	
•	I understand that I am free to ask any questions at any time and that I am free to withdraw or discuss my concerns with the lead researcher Zhuo Cui.	
•	I also understand that at the end of the study I will be provided with additional information and feedback about the purpose of the study.	
•	I understand that the information provided by me will be held confidentially, such that only the researchers can trace this information back to me individually. The information will be retained for up to 1 years when it will be deleted/destroyed. I understand that I can ask for the information I provide to be deleted/destroyed at any time.	
•	I agree to data generated from my participation can be shared with other researchers.	
,	(NAME) consent to participate in the study ted by [INSERT], School of Computer Science, Cardiff University.	

## Love Cardiff Questionnaire Part1 For User Study

- 1. What is your gender?
  - Female
  - Male
  - · Prefer not to say
- 2. What is your age?
  - 18 to 24
  - 25 to 35
  - 36 or older
  - Prefer not to say
- 3. What is the highest level of school you have completed of the highest degree you have received?
  - Less than high school degree
  - High school degree
  - Bachelor degree
  - Master degree
  - Doctor degree or above
  - Prefer not to say
- 4. Which of the following devices do you most prefer to use to connect to the internet?
  - Computer tablet
  - Desktop computer
  - Laptop computer
  - Smart phone
- 5. What type of phone do you have?
  - Android

- iPhone
- Blackberry
- Others
- 6. How could you get the latest news in your local area?
  - Watching TV
  - Browsing website
  - Using news apps
  - Others
- 7. If you explore a city through an app, what kinds of information do you hope to gain?
  - The latest local news
  - Map
  - Weather
  - Others
- 8. Would you like to post your story for other users to read and comment through an app?
  - Yes
  - No
- 9. What is your attitude towards a local app which obtains specified information about a certain city?
  - Extremely interested
  - Very interested
  - · Somewhat interested
  - Not so interested
  - Not interested at all
- 10. When using an application, which of the following factors most important to you?

• Layout	
• Error-free functionality	
<ul> <li>Usability</li> </ul>	
<ul> <li>Trustworthiness</li> </ul>	

Name of Please then act form. Y this stu contact Protect process By addi you are	e Cardiff Android App] Consent Form of participant/identifier:	u this m ta
•	I understand that I am to take part in a briefing session, an app texting procedure, and a debriefing session.	INTIA
•	I confirm that I have all of the prerequisites for participation as outlined in the Information Sheet, and consent that, where appropriate, any personal equipment I provide can be used for the purposes of this study.	
•	I confirm that I have read and understand the Information Sheet and have had the opportunity to ask questions about it.	
•	I understand that upon completion of the study, I will receive a usability testing for an app. In the case that I withdraw from the study, I understand that I will receive an usability questionnaire.	
•	I understand that participation in this study is entirely voluntary and that I can withdraw from the study at any time without giving a reason, and without loss of credit / payment (as applicable).	
•	I understand that I am free to ask any questions at any time and that I am free to withdraw or discuss my concerns with the lead researcher Zhuo Cui.	
•	I also understand that at the end of the study I will be provided with additional information and feedback about the purpose of the study.	
•	I understand that the information provided by me will be held confidentially, such that only the researchers can trace this information back to me individually. The information will be retained for up to 1 years when it will be deleted/destroyed. I understand that I can ask for the information I provide to be deleted/destroyed at any time.	
•	I agree to data generated from my participation can be shared with other researchers.	
I, conduc	(NAME) consent to participate in the study ted by [INSERT], School of Computer Science, Cardiff University.	
Signed:		

## Love Cardiff Questionnaire Part2 For Usability Study

- 1. What is your gender?
  - Female
  - Male
  - · Prefer not to say
- 2. What is your age?
  - 18 to 24
  - 25 to 35
  - 36 or older
  - Prefer not to say
- 3. What is the highest level of school you have completed of the highest degree you have received?
  - Less than high school degree
  - · High school degree
  - Bachelor degree
  - Master degree
  - Doctor degree or above
  - Prefer not to say
- 4. Were you able to register an account for the app?
  - Yes
  - No
- 5. Were you able to log into the account you just registered with?
  - Yes
  - No
- 6. Were you able to add and save profile information about yourself?
  - Yes

No 7. Were you able to change the password? • Yes • No 8. Were you able to scan the news? Yes • No 9. Were you able to check the weather forecast? • Yes • No 10. Were you able to utilize the navigation map? Yes • No 11. Were you able to post your story? Yes • No 12. Were you able to make a comment below others' stories? Yes • No 13. I think that I would like to use the app frequently. • Strongly agree • Agree • Neither agree nor disagree • Disagree • Strongly disagree 14. I think the app is easy to use.

• Strongly agree

• Agree

- Neither agree nor disagree
- Disagree
- Strongly disagree
- 15. I think the layout of the app is intuitive.
  - Strongly agree
  - Agree
  - Neither agree nor disagree
  - Disagree
  - Strongly disagree
- 16. I found the various functions in this app were well integrated.
  - Strongly agree
  - Agree
  - Neither agree nor disagree
  - Disagree
  - Strongly disagree
- 17. I thought there was too much inconsistency in this app.
  - · Strongly agree
  - Agree
  - Neither agree nor disagree
  - Disagree
  - Strongly disagree
- 18. I was able to easily find my way around the app to get the information I was looking for.
  - Strongly agree
  - Agree
  - Neither agree nor disagree
  - Disagree

- Strongly disagree
- 19. I am satisfied with the app.
  - Strongly agree
  - Agree
  - Neither agree nor disagree
  - Disagree
  - Strongly disagree
- 20. I would like to recommend the app to my friends, colleagues or family members who want to get some information about Cardiff.
  - Strongly agree
  - Agree
  - Neither agree nor disagree
  - Disagree
  - Strongly disagree

Approval ID: COMSC/Ethics/2018/036

Blackboard Learn 12/04/2018, 21:33

# Research and Innovation Services

This is to certify that

## Natasha Edwards

has successfully completed

17/18 Research Integrity (Staff Version)

on

12 April 2018

 $https://learningcentral.cf. ac.uk/webapps/achievements/previewCert... course\_id=\_385793\_1\&ach\_id=\_4424674\_1\&cert\_key=BLUE\&action=print$ 

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Approval ID: COMSC/Ethics/2018/036

Blackboard Learn 09/08/2018, 13:30

## Research and Innovation Services

This is to certify that

## Zhuo Cui

has successfully completed

17/18 Research Integrity (Student)

on

15 July 2018

 $https://learningcentral.cf.ac.uk/webapps/achievements/previewCert...course\_id=\_385794\_1\&ach\_id=\_4423395\_1\&cert\_key=BLUE\&action=print$ 

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