Ethical category of project
[Complete after approval]

Red	
Amber	
Green	

Department of Computer Technologies

Science and Digital

STUDENT REGISTRATION

northumbria UNIVERSITY NEWCASTLE

PROJECT: ETHICS AND APPROVAL FORM

Section One: Registration *[To be completed by student]*

Title of project	**Proactive threat detection of cyber-physical systems using Bayesian estimation: connected cars as a case study**
Researcher's name	**Adam Reviczky**
Programme of study	**MSc Cyber Security**
Academic Year	**2016/2017**
Module code	**LD0718**
Supervisor's name	**Dr Haider Al-Khateeb**
Second Marker's name	**Dr Gregory Epiphaniou**
Start Date of project	**01 August 2016**

Short description of project, including research methods and selection of any participants:

Non-experimental research will be conducted with quantitative data analysis methods. No participants will be required for this research.

Ethical considerations in the research project	YES	NO
1. Does your research involve an external organisation or partner e.g. NHS, School etc.	☐	☒
2. Does your research involve human participants?	☐	☒
3. If yes to Q.2, will you inform the participants about the research?		
4. Will you obtain their consent using the standard consent form?		
5. Is any deception involved?		
6. Do any participants constitute a 'vulnerable group' (see definition of Vulnerable People)		
7. Will the research involve the following information?		
Commercially sensitive	☐	☒
Personally sensitive	☐	☒
Politically sensitive	☐	☒
8. Is the research likely to cause any significant environmental impacts?	☐	☒
9. Are there likely to be any risks for you or for the participants in your research?	☐	☒
10. If yes [to 5, 6, 7, 8 or 9 above] have you identified steps to address the issues?		

Statement by researcher

This statement should explain how any issues identified in the answers to the above questions will be addressed and what steps will be taken to mitigate such risks or adverse impact

There are no issues that needs to be addressed.

I have read the University and the Faculty Ethics Policy and Procedures and confirm that the answers I have given above are correct. Where issues arise under items 5, 6, 7, 8 or 9 [above] I have described in writing how I intend to approach these issues in the research.

Researcher's signature .....

Date 01 August 2016 .....

Section Two: Approval

[The form is reviewed by the supervisor and second marker. Approval maybe given by either for green projects; amber projects must be approved by the second marker. Red projects must be referred to the Faculty Research Ethics Committee.]

***Red**: Vulnerable participants, sensitive data, risks to participants or researchers, NHS, etc.* ***Amber**: Human participants, environmental issues, commercially sensitive information, etc.* ***Green**: No participants involved, no sensitive data, etc.* *For full definitions see section on Risk Categories in the Engineering and Environment Ethics Procedures.*

Ethical approval

[Please tick as appropriate]

Green - Ethical approval is given without conditions	☒
Amber - Ethical approval is given with the following conditions • Information to be provided to all participants • Participant consent to be obtained using the standard Research Participant Consent Form or otherwise in accordance with Faculty procedures • Data to be stored and destroyed securely in accordance with University guidelines • Adherence to Data Protection Act (DPA) • Anonymity to be provided to participants • Commercial confidentiality to be provided to organisations(s) • Other (please state):	☐ ☐ ☐ ☐ ☐ ☐ ☐
Red - Project is referred to FREC for approval	☐

Name of Approver	.....
Signature	.....
Date	01 August 2016 .....

Outcome of FREC referral – Decision, minute and date of meeting, or signatures of two signatories, one of whom is a member of FREC.