

## IMAT3451 FINAL YEAR PROJECT - ETHICAL REVIEW FORM

The University requires all undergraduate final year projects to undergo an ethical review and, where human research ethical issues are identified, to ensure that these issues are addressed.

For the majority of Computing Final Year Projects, the outcome will be either 'No ethical issues' or 'Minor/Major ethical issues which have been addressed'; in these cases approval can be given by the supervisor. In the unlikely event that the outcome is 'Ethical issues that have not been addressed', the completed form will need to be forwarded to the Faculty Research Ethics Committee.

**Student Name**

Naïm Maoun

**Programme**

Computer Security BSc (Hons)

**Project Title**

"Securing Home Networks"

**Brief description of proposed activity and its objectives:**

The basis of this project is to develop a user friendly android application to help non-technically minded home users set up securely their home network. Therefore making sure that no device connected to the network is at risk. App will be designed to look like a checklist in order to make sure the user has properly setup and secured their home network.

**Ethical Issues Identified:**

(see overleaf)

- Researching into network hacking, on how to breach personal home networks.
- Researching the use security and hacking tools

**How these will be addressed:**

- Making sure that no tool is used against home networks for malicious purposes.
- Making sure that no hacking capabilities are enabled through the application

## Checklist

Has the project proposal identified any of the following research procedures?

- |  |                            |
|--|----------------------------|
| 1. Gathering information about human beings through: Interviewing, Surveying, Questionnaires, Observation of human behaviour   | <del>Yes</del> / <b>No</b> |
| 2. Using archived data in which individuals are identifiable   | <del>Yes</del> / <b>No</b> |
| 3. Researching into illegal activities, activities at the margins of the law or activities that have a risk of personal injury | <b>Yes</b> / <del>No</del> |
| 4. Supporting innovation that might impact on human behaviour<br>e.g. Behavioural Studies                                      | <del>Yes</del> / <b>No</b> |

**If 'Yes' to any of 1-4 above: have you considered the following?**

- ☐ Providing participants with full details of the objectives of the research
- ☐ Providing information appropriate for those whose first language is not English
- ☐ Voluntary participation with informed consent
- ☒ Written description of involvement
- ☐ Freedom to withdraw
- ☒ Keeping appropriate records
- ☐ Signed acknowledgement and understanding by participants
- ☒ Consideration of relevant codes of conduct/guidelines

### Ethical Review Outcome

- ☐ 1. No ethical issues
- ☐ 2. Minor ethical issues which have been addressed and concerns resolved
- ☐ 3. Major ethical issues which have been addressed and concerns resolved
- ☐ 4. Ethical issues that have not been resolved/addressed

### Authorisation

*If the outcome is no. 3 or 4 above, this form should be forwarded to the Faculty Research Ethics Committee.*

Signature of student \_\_\_\_\_ Naïm Maoun \_\_\_\_\_ Date 24/10/2017

Signature of supervisor \_\_\_\_\_ Date \_\_\_\_\_

Signature of 2<sup>nd</sup> supervisor \_\_\_\_\_ Date \_\_\_\_\_