

Ethics Form

Student Name: Yichen Huang

Student Number: 2200440

1. Research Ethics

As the principal investigator for the *A Multi-task Mobile Crowdsensing Scheme with Conditional Privacy Preserving for Vehicle Networks* I acknowledge that this research project will adhere to all relevant ethical guidelines and principles. I am committed to conducting this research in an ethical and responsible manner, with the utmost consideration for the well-being and rights of the participants involved.

2. Informed Consent

I will obtain informed consent from all participants before their participation in the research. This will involve providing clear and comprehensive information about the purpose, nature, risks, and benefits of the research, and obtaining written consent from participants. Participants will also have the right to ask questions and withdraw from the research at any time without any consequences.

3. Confidentiality and Data Protection

I will take appropriate measures to protect the confidentiality and privacy of the participants and their data. This will include securely storing all research data, de-identifying data during analysis and reporting, and restricting access to authorized personnel only. Any personally identifiable information collected during the research will be handled with the utmost care and will not be disclosed to third parties without explicit consent from the participants.

4. Ethical Considerations for Vulnerable Populations

If the research involves vulnerable populations, such as children, elderly individuals, or individuals with disabilities, I will take additional steps to ensure their protection and well-being. This will include obtaining informed consent from their legal guardians or caregivers, using age-appropriate language and communication methods, and considering the unique needs and vulnerabilities of these populations in the research design, data collection, and analysis.

5. Ethical Considerations for Data Collection and Analysis

I will conduct all data collection and analysis procedures in an ethical and responsible manner. This will involve following best practices in data collection, using appropriate statistical or analytical techniques, and accurately representing the research findings without any manipulation or distortion of data. I will also acknowledge and cite all relevant sources and give due credit to previous research and contributions.

6. Reporting and Dissemination of Research Findings

I will report and disseminate the research findings in a transparent, accurate, and responsible manner. This will include publishing the research findings in reputable and peer-reviewed journals, presenting the research at conferences or workshops, and sharing the findings with relevant stakeholders. I will also ensure that any publication or dissemination of research findings complies

with the ethical guidelines and requirements of the respective journals or conferences.

7. Ethical Considerations for Collaboration and Communication

I will maintain open and transparent communication with all research team members, advisors, and stakeholders throughout the research project. I will collaborate and communicate effectively, respect the opinions and contributions of others, and resolve any conflicts or issues in a professional and ethical manner. I will also acknowledge and give due credit to the contributions of all team members and collaborators in the research outputs.

I, Yichen Huang, as the principal investigator of the *A Multi-task Mobile Crowdsensing Scheme with Conditional Privacy Preserving for Vehicle Networks*, acknowledge that I have read and understood the ethical considerations outlined above, and I will ensure that this research project is conducted in compliance with all applicable ethical guidelines and principles.

Signature: 

Date: 18/4/2023