Faculty of Environment & Technology
Faculty Research Ethics Committee (FREC)

Ethical Review Checklist for Undergraduate and Postgraduate Modules

Staff and PG research students must not use this form, but should instead, if appropriate, submit a full application for ethical approval to the Faculty Research Ethics Committee (FREC).

Please provide project details and complete the checklist below.

Project Details:

Module name	Human-robot interaction
Module code	UFMFHP-15-M
Module leader	Dr Paul Bremner
Project Supervisor	Dr Paul Bremner
Proposed project title	Exploring the Effectiveness of Verbal-Only vs. Verbal-and-Movement in Robot-Assisted Origami Teaching

Applicant Details:

Name of Student	Chuanbeibei Shi; Kai Yang; Madhurya Mozumder; Simon Galand
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	CHECKLIST QUESTIONS	Yes/No	Explanation
1.	Does the proposed project involve **human tissue, human participants, animals, environmental damage, or the NHS.**	Yes	The project focuses on comparing two teaching methods: verbal-only instruction and instruction that incorporates both verbal guidance and movements provided by our robot. Participants will be engaged in hands-on origami activities guided by the robot using these two methods.

	CHECKLIST QUESTIONS	Yes/No	Explanation
2.	Will participants be clearly asked to give consent to take part in the research and informed about how data collected in the research will be used?	Yes	Participates will be clearly asked to give their consent before taking part in the study. Prior to their participation, they will receive detailed information about the purpose and procedures of the research. Additionally, participants will be informed about how the data collected during the research will be used, ensuring transparency and ethical conduct throughout the study.
3.	If they choose, can a participant withdraw at any time (prior to a point of "no return" in the use of their data)? Are they told this?	Yes	We ensure that participants are informed of this right to withdraw at any time prior to reaching a point of "no return". This information is provided in the informed consent process, where participants are explicitly made aware of their ability to withdraw from the study at any stage without facing any negative consequences.
4.	Are measures in place to provide confidentiality for participants and ensure secure management and disposal of data collected from them?	Yes	All data collected during the study, including any personal information provided by participants, is kept strictly confidential. Only authorized personnel directly involved in the research have access to this data. Participants' identities are anonymized, meaning their names and any other identifying information are removed from the data to ensure their privacy.
5.	Does the study involve people who are particularly vulnerable or unable to give informed consent (eg, children or people with learning difficulties)?	No	
6.	Could your research cause stress, physical or psychological harm to humans or animals, or environmental damage?	No	
7.	Could any aspects of the research lead to unethical behaviour by participants or researchers (eg, invasion of privacy, deceit, coercion, fraud, abuse)?	No	

CHECKLIST QUESTIONS		Yes/No	Explanation
8.	Does the research involve the NHS or collection or storage of human tissue (includes anything containing human cells, such as saliva and urine)?	No	

Your explanations should indicate briefly for Qs 2-4 how these requirements will be met, and for Qs 5-8 what the pertinent concerns are.

- **Minimal Risk:** If **Q 1 is answered 'No'**, then no ethics approval is needed.
- **Low Risk:** If **Qs 2-4 are answered 'Yes' and Qs 5-8 are answered 'No'**, then no approval is needed from the *Faculty Research Ethics Committee* (FREC). However, your supervisor must approve (a) your information and consent forms (Qs 2 & 3) and (b) your measures for participant confidentiality and secure data management (Q4).
- **High Risk:** If **any of Qs 5-8 are answered 'Yes'**, then you must submit an application for full ethics approval *before* the project can start. This can take up to 6 weeks. Consult your supervisor about how to apply for full ethics approval.

Risk Assessment: Separate guidance on risk assessment can be found on UWE's Health and Safety forms webpage at https://go.uwe.ac.uk/RiskAssessment. If needed, you must complete a Risk Assessment form. This must also be attached to your application for full ethics approval if your project is **High Risk**.

Your supervisor must check your responses above before you submit this form.
Submit this completed form via the *Assignments* area in Blackboard (or elsewhere if so directed by the module leader or your supervisor).
After you have uploaded this form, your supervisor will confirm it has been correctly completed by "marking" it as *Passed*/100% via the *My Grades* link on the Blackboard.

Further research ethics guidance is available at http://www1.uwe.ac.uk/research/researchethics