Turtlebot software for schools outreach

About Your Research

1.1	Full Name:	Cathryn Mae Fitzpatrick
1.2	Aber Email:	cmf6@aber.ac.uk
1.3	AU Status:	Postgraduate Taught
1.4	Department:	Computer Science
1.5	Does your research involve animals?	No
1.7	Does your research involve human participants?	No
1.11	Person reviewing this ethics application	Zwiggelaar, Reyer rrz@aber.ac.uk
1.12	Proposed study title	Turtlebot software for schools outreach
1.13	Proposed start date	17-06-2025
1.14	Proposed end date	05-09-2025
	Please provide a short	The project aims to produce an application with a

1.15	summary of your research project (including the methods, aims, benefits and outcomes)	simple graphical user interface that can be used to type in code to control a turtlebot. The turtlebot can draw lines and pictures by utilising the robot's various commands, including moving forward, turning, and pen controls. The intention of the application and turtlebot is to provide an activity to do at future outreach or open day events.
1.16	Is Aberystwyth University the lead organisation on this project?	Yes
1.18	Do you have or are you in the process of applying for funding?	No
1.23	Which research method(s) are you using?	n/a
1.24	Does the research involve only secondary data?	No
1.25	Are you completing this form for your own research?	Yes
1.27	Please include any relevant further	No user testing will be done.

information
in this
section here:

Working with Animals: N

Procedures, Risks & Benefits:

4.25	Does your research have the potential to cause environmental damage or harm? (This includes the use of equipment, materials, techniques or research results that could have an impact on the environment, ecology, hydrology or on local communities during or after the research project)	No
4.26	Does your research involve the use of genetically modified organisms?	No
4.28	Does your research involve accessing, collecting, or utilising genetic resources or traditional knowledge associated with biodiversity, potentially necessitating compliance with the Nagoya Protocol on Access and Benefit Sharing?	No
4.29	Does your research pose a risk of damage or disturbance to places of cultural, spiritual or historical significance?	No
4.30	Does your research involve working with any controlled substances and / or equipment which may be considered hazardous ?	No
4.31	Does the researcher have any direct involvement with any third party (i.e. gatekeeper, funder or collaborator) that may cause a potential conflict of interest?	No

Data & Sensitive Research

5.1	Do you intend to utilise data that is not publicly available?	No

5.2	Where appropriate, do you have consent for the publication, reproduction or use of any unpublished material ?	Not Applicable
5.3	Will appropriate measures be put in place for the secure and confidential storage of data ?	Yes
5.4	Will the research involve the sharing of data or confidential information beyond the initial consent given ?	Not Applicable
5.7	Are you using security sensitive material as part of your research ?	No
5.13	Will the study involve discussion of sensitive topics (e.g. sexual activity, drug use, politics, alcohol use, ethnicity, religion or professional misconduct)?	No

Recruitment and Informed consent

Confidentiality

7.3	If the project involves schools or other educational institutions, will procedures be in place to ensure that the name of the schools or institutions are kept confidential?	Not Applicable
7.4	Do you intend to identify organisations where consent or agreement has not been obtained ?	No

8) Research Sites

8.1	Will you be travelling, as a foreign national, into any areas that the UK Foreign and Commonwealth Office advise against travel to?	No
8.3	Will you be undertaking any lone working?	No
8.4	Will you be undertaking any research off campus?	No

| 8.6 | If you are conducting research overseas, please confirm you will fulfill the host country's ethical requirements (where applicable). | Not Applicable |

9) Declaration

| 9.1 | Does your research raise any ethical issues not currently covered in this application or raise any risk of reputational damage? | No |