

Project supervisor email *

m.m.wood@manchester.ac.uk

Title and objective of the project *

"Inspired by Neurodiversity" organisational infrastructure - back end / software repository
Please note this and its sister project are funded by a grant from UMIP's "Social Ignition" fund

To date seven students working with me have produced, as their project work, apps or browser extensions supporting accessibility. UMIP have given me a "Social Ignition" grant to investigate setting up a Community Interest Company based in CS to distribute and promote these and similar future projects. This project will develop a software repository and associated back end functionality - the sister project will develop the front end.

Number of students requested (with justification if more than 1) *

1

Start date, end date, total duration (weeks) *

Asap - 31/07 (grant money must be spent by then)
Up to two weeks (funds available for max 80 hours)

The benefit to the School *

If successful the company will offer future students a supporting framework and assurance of visibility for accessibility / assistive technology projects. It could also be a significant reputational asset to the School, implicitly advertising an attractive commitment to social responsibility.

The benefit to the student *

An opportunity to make a key contribution to the establishment of a social enterprise promoting assistive technology, and to learn in depth about accessibility - a satisfying achievement in its own right for the right sort of student, and also an attractive line on a cv.

Skills needed by the student. *

Excellent awareness of software engineering principles and practice
Implementation skills as appropriate to the tasks below.

Details of the work that the student would do *

Contribute to decisions about the functionality of the system and the user experience.
Investigate the possible technologies for a repository (Alessandro and I have already discussed some of the arguments for and against using GitHub). This will include consideration of security.
Implement whatever we decide on, and populate it with at least some of the seven existing apps / extensions.
Testing and evaluation.

Infrastructure requirements and any required staff support other than the project supervisor *

None beyond use of normal lab machines and software

Supervision arrangements throughout the duration of the project (named staff and dates covering the entire duration) *

Mary McGee Wood
I will be here and closely involved throughout the project

Location of the project work (building/room) *

Kilburn - any of the labs should be ok