

Micro:bit Project Sheet 5

Success Criteria

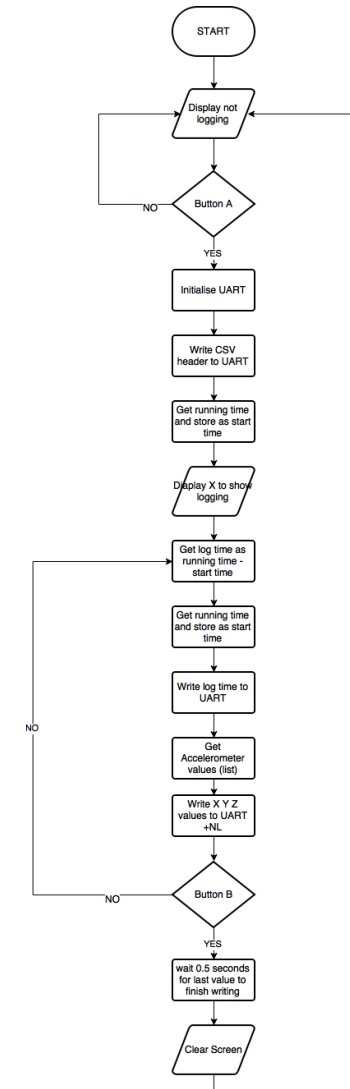
- Read X,Y,Z axis from accelerometer
- Log the data to a microSD card in a CSV format
- Read/Graph the data

µPython

Please download from

<http://microbitsandbobs.co.uk/downloads/MicroPi-Logger.py>

Design



Testing

- Does Micro:bit display not logging on start up
- On button A press does X display
- On button B press does not logging return
- Press button A rotate in X,Y,Z axis for 5 seconds - Press button B
- Is data recorded on SD Card
- Can data be imported into a spreadsheet tool
- Is data being recorded from all three axis

Notes