Project Name: Who is at home?

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Project Proposal:
To develop a smart home IOT application that records the coming and goings of family members from home using Bluetooth technology in conjunction with the raspberry pi. This data is then stored and used for informational purposes and exported to a database and can be used at a later date to chart various trends etc with the view to further enhancement using cloud platform technologies to send notifications upon clock in/out.

Tools, Technologies and Equipment:
Protocols: Bluetooth, TCP/IP
Devices: Raspberry Pi, Mobile Phone, Laptop
Prog Lang: Python
Proposed Tools: Putty, MySQL with the possibility of using WIA if the project is advanced further

Project Repository:

https://github.com/jmccannbarrow/whoisathome