Student Name : John McCann

Project Repo URL : <https://github.com/jmccannbarrow/whoisathome>

Video URL: <https://youtu.be/WUFSqo_syLc>

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| Grade Band | Combined Knowledge | Networking Technologies | IoT Solution | Communication |
| Base | I used more than 2 program strands in project. With programming in python script, mysql in developing db and html in putting together webpage to display output. | I’ve used Bluetooth and wifi technologies in the workings of my project. | I used the raspberry pi’s Bluetooth technology to scan for mobile devices on button pressed on the sensehat. | Read me and video included. |
| Good | I used more than 2 program strands in project. With programming in python script, mysql in developing db and html in putting together webpage to display output. | I’ve used both Bluetooth and wifi technologies in the workings of my project. | On button pressed, the a db is searched to find relevant user and reveal their status and send sms to other member of household informing them of that status. | Github portfolio set up with all relevant code, instructions, video etc include in repo. |
| Excellent | I used more than 2 program strands in project. With programming in python script, mysql in developing db and html in putting together webpage to display output. | I used twillios messaging api to send sms messages in my project. | Both db, webserver and Bluetooth and wifi all exist within raspberry pi thereby giving creating a self contained “off the shelf” product. | Instructional video demonstrating working of application included. |
| Outstanding | As well as programs used in this course, I also used php,apache etc which were not present in previous modules. | All networking technologies are working in prefect harmony to give an easy to use, informative and useful product. | This is a self contained product that could be easily bought off the shelf and work without any additional instructions/programs added. | I do not have an instructional website present in this submission. |

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Additional Comments:

