Student Name :   Huiyun,Tsai(Sharon) Student ID: 20104330

Project Repo URL : <https://github.com/sharonmctsai/Arduino-Project>

Video URL : https://youtu.be/jAsg0yVedAs

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| Grade Band | Combined Knowledge | Networking Technologies | IoT Solution | Communication |
| Base | Programming skills are showcased through the Arduino code, where the logic for reading sensor data, displaying information on the screen, and controlling LEDs is implemented. Database knowledge is exhibited through the integration with ThingSpeak, where the collected sensor data is stored and visualized | The project incorporates networking technologies at the physical and data link layers. At the physical layer, wireless communication is facilitated through the use of Wi-Fi connectivity on the Arduino. The data link layer is employed for communication between the Arduino and the MQTT broker. | The IoT solution implemented in this project focuses on sensor-driven data collection for monitoring the baby's environment. Sensors for temperature, humidity, and motion are integrated into the physical computing setup | Github repository, video link:https://youtu.be/jAsg0yVedAs |
| Good |  |  |  |  |
| Excellent |  |  |  |  |
| Outstanding |  |  |  |  |

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A screenshot of a baby

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