

**2023-2024**

**Student Name(s) : Koay Xian Cong**

**Project Title : AI in Healthcare**

**Supervisor(s) : Dr Hermawan Nugroho**

**Date of meeting : 30 Nov 2023 Length of meeting : 1 hour**

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| **Progress made since the last meeting** |
| 1. **Prepare slides for the supervisor and moderator meeting.** 2. **Create a demo video for the supervisor and moderator meeting.** 3. **Test and verify 16-bit ECG values on serial monitor and serial plotter using Arduino IDE.** 4. **Fill in the ethical form and submit it to the supervisor.** 5. **Fill up the project review proforma.** 6. **Design wearables that can be integrated with available hardware.** 7. **Research on STM32 model zoo and board compatibility.** |

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| **Items discussed /planned for the week** |
| **Item Discussed:**   1. **Conducted progress review meeting and showcased the progress dateline, how peripherals are being connected and configured, how sensor values are being obtained from the ADC, how values are being sent from microcontroller to PC via UART, and prototype design.** 2. **Discuss what is the next step for the project and the direction where the project is going.** 3. **Submitted the ethics application form and obtained approval.** 4. **Showcasing video on how ADC values can be obtained from the ECG sensor and STM32.** 5. **Discuss and showcase plans for deploying AI models into STM32.**   **Plan for the week:**   1. **Plan and research for model zoo and dataset for the emotion recognition model.** |

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| **Remarks (if any)** |
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**Student’s signature:**



**Supervisor’s signature(s):** **Date:**