

**2023-2024**

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

**Project Title : AI in Healthcare**

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

**Date of meeting : 26 Oct 2023 Length of meeting : 1.5 hour**

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| **Progress made since the last meeting** |
| 1. **Literature review focuses on IEEE Transactions, Elsevier, and IOP journals.** 2. **Choosing datasets and determining model architecture that will be used for training.** 3. **Explore Mendeley and use it as a tool to manage references and citations.** 4. **Write project specifications, risks and mitigation based on the Gantt Chart and block diagram.** 5. **Improvising Gantt Chart with markings of important datelines and milestones.** 6. **Formatting and changes made on the project and planning report after review by Dr Hermawan.** 7. **Determine the dataset and algorithm used for emotion recognition and heart disease classification.** |

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| **Items discussed /planned for the week** |
| **Item Discussed:**   1. **Project planning report reviewed with Dr Hermawan.** 2. **Discussion on why the report is written as such and how I can improve it.** 3. **Discussion and justification on the usage of Intel OpenVINO as a model optimizer and hardware accelerator.** 4. **Think of ways to reduce the complexity and risks of the tasks.** 5. **Proposed findings to Dr Hermawan about emotion recognition and heart disease classification on the edge.** 6. **Discuss the project outline and planning report requirements.**   **Plan for the week:**   1. **Explore and research STM32 X-LINUX-AI and STM32 X-Cube-AI.** 2. **Research on TensorFlow Lite.** 3. **Research on** 4. **Flashing STM32MP157F-DK2 with Yocto OS.** |

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



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