

**2023-2024**

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

**Project Title : AI in Healthcare**

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

**Date of meeting : 26 Sept 2023 Length of meeting : 30 minutes**

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| **Progress made since the last meeting** |
| **This is the first meeting conducted to discuss the project specifications and discussions. The meeting is conducted online via Microsoft Teams but there will be face to face meetings once in a while.** |

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| **Items discussed /planned for the week** |
| **Dr Hermawan first introduced what the previous year students had done in their final year project and what he wants me to do this year. The plan was to focus on the application of AI specifically in edge computing such as in wearable devices. In the past, most of the AI deployed with edge computing used ARM Cortex-A processor. Lately, there are claims that ARM Cortex-M processor is able to be used to deploy AI. Hence, the goal of my Final Year Project as per the discussion during the meeting is to explore how AI can be implemented into a discovery kit - STM32MP157C-DK2 that will be given to me. We also discussed on the platforms that can be used to run the AI model in which Dr Hermawan suggested OpenVINO from Intel. Thus, the plan for the week is to research, read and investigate the hardware and software discussed during the meeting.** |

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| **Remarks (if any)** |
| **There are a couple of ideas discussed,**   1. **Development of cloud-based approach with health analytics as case example** 2. **Development of cloud-based approach with health analytics as case example – highlight on deployment with OpenVino** 3. **Development of edge computing solution with STM32** |

**Student’s signature:**



**Supervisor’s signature(s):**  **Dr Hermawan**  **Date: 29 September 2023**