EEE3097S-2022

Date	31/08/2022
Attendees Chair	Moutloatsi Setlogelo (STLMOU001) Brendon Mutema (MTMBRE002)
Agenda items	• Milestone 1 Review & Feedback • Milestone 2 requirements • Simulations Strategy
Action items from previous meeting	• Continue with IMU data simulations • Familiarise ourselves with STM32cubeIDE • Find, create and start testing encryption and compression C code.
Discussions points and action items	After receiving our Milestone 1 report back, we realised that we did not give enough information on certain sections. We understood the expectations but failed to articulate them properly in the report. Milestone 2 We are going to be using the gyroscope and accelerometer in measuring the ice floes motion and wave dynamics. The main requirement is to be able to showcase that we can send our data to our micro-controller for processing as well as being able to retrieve a compressed and encrypted file in real-time. We also need to be able to decrypt and decompress our data and compare it with the original. For the simulation's strategy, since we both have micro-controllers, we'll try handling compression and encryption separately on our respective controllers and meetup to correct our code and merge them onto one micro-controller once working. Action Items Continue with IMU data simulations Continue with encryption and compression C code. Make corrections to Milestone 1 Start planning our Milestone 2 document

Signatures	MS _(signature)_	B.E.T MUTEMA