# EEE3097S Weekly Review Submission 3

Meeting 3: DSLGRE001  ADMALI004      03/09/2021

We met for 1 hour via MS Teams

**What we have done since last review meeting:**

We met with tutor on Monday, 30 August

We started the paper design for Milestone 1

We came up with requirements and specifications and filled them in Milestone 1.

The requirements and specifications will be for each subsystem mentioned below as well. The extractor that will be used is an application that can be operated from a cellphone and the extracted data can then be viewed on Matlab.

Ideas on how to encrypt and compress the extracted data were bounced around.

The interaction between each subsystem and the overall flow of the system was discussed.

We decided on tests for design project: This involves testing compression success and encryption success

We defined IP subsystem in more detail through making use of Jamie's Thesis


**Reflection on Meeting with tutor: 30/08/2021**

Our tutor approved our subsystems, we thought about the three subsystems and split up the 2nd subsystem. We will now have 4 subsystems split between the two of us.

**Subsystem 1 of IP:** An extractor that will contain the data taken from the IMU

**Subsystem 2 of IP:** Compress the data

**Subsystem 3 of IP**: Encrypt the data

**Subsystem 4 of IP:** Having a built-in error checking/handling system