Summary of Fusion meeting 20/10/2020

Discussed the possible conflict between the Systems Engineering V-Model and Waterfall work with the Agile Management Framework chosen by the group.

To expand, the current documentational workload consists of creating a Systems Requirements Document, a Systems Architecture/ Systems Design documents which are all V-Model/ Waterfall based activities.

It was suggested that the team can potentially implement Waterfall on a Macro scale, and Agile methods (like Scrum) on a Micro scale.

The differences between the Waterfall/ V-Model activities and the Agile framework will be discussed with Ella Hubbard (PST) at the GW1 on the 30th Oct 2020.

Current team tasking was also discussed.

Tasking includes:

Azamat Truscott:

* Creation of System Requirements Document
* SWOT Analysis – Template on LEARN
* Project Plan – Template on LEARN
* Creating initial mock-up of the Data Hub’s User Interface (HMI)

Riley Grant:

* Raspberry Pi Experimentation (Component functionality and intercommunication)
* Creating initial mock-up of the Data Hub’s User Interface (Server)
* SWOT Analysis – Template on LEARN
* Project Plan – Template on LEARN

Mike Thomas:

* Creation of Top-Level Systems Architecture
* Research of the following Sensors (up to 3 Case Studies): Footfall, Air Quality
* SWOT Analysis – Template on LEARN
* Project Plan – Template on LEARN

Matt Gurney:

* Creation of Top-Level Systems Architecture
* Research of the following Sensors (up to 3 Case Studies): Traffic Noise, Light Pollution
* SWOT Analysis – Template on LEARN
* Project Plan – Template on LEARN

Daniel Poulson:

* Creating initial mock-up of the Data Hub’s User Interface (Server)
* SWOT Analysis – Template on LEARN
* Project Plan – Template on LEARN
* Creating initial mock-up of the Data Hub’s User Interface (HMI)

Matthew Dick:

* SWOT Analysis – Template on LEARN
* Project Plan – Template on LEARN
* Creating initial mock-up of the Data Hub’s User Interface (Server)
* Creation of Top-Level Systems Architecture