1st meeting with Supervisor Yehia Elkhatib

* Covered structure of my project since placement students do a different project

Graphical user interface, text, application

Description automatically generated

* Showed current notes on what Service Mesh Technologies (SMT) are (Need to do more research)

Text, application

Description automatically generated

* Objective of Project is to show differences between different Open Source SMT and in which use cases we would use which
* Investigate Qualitative, what each does, how do they do it, explore those differences
  + Examine their features and limitations, how using them affects the developer…
  + Current Sources are the SMT’s websites, maybe check for some academic literature
* Investigate Quantitative, define some metrics and run tests on microservices using the SMTs
  + Set up a Kubernetes Cluster, auto start some microservices that communicate with each other, have them use diff SMTs
  + Ensure the microservices are representative of real-world use cases
    - Do various different use-cases e.g. Short comms but frequent?
  + Look into what metrics you want to record
* Flexibility to refine the selected SMTs, can investigate more/less once more knowledgeable
* Agreed on meeting once a week for now, can adapt as we go on