# Summary

## Meeting time and location

25 April 2019 @ 12h00

Collaborations Labs at the University of Pretoria

## Participants

* COS 301
  + Cameron Trivella
* Dark nITes
  + Ruslynn Appana
  + Jeandre Botha
  + Muhammed Carrim
  + Sisa Khoza
  + Christiaan Opperman

## Decisions/Amendments made/adopted

* Meetings on a semi-weekly basis, can be scaled to fit team progress
* Delegation of tasks:
  + Ruslynn
  + Jeandre
  + Muhammed
  + Sisa
    - Diagrams and written explanation
  + Christiaan
* For the specification document, the employ of simple diagrams and written descriptions to fit the module’s and the client’s requirements.
* Documentation is to be hosted on Overleaf

# Overview

The sitting of this meeting was to further break down the information given to us by Advance (henceforth “the client”), and to discuss coding methodologies and standards e.g. design patterns vs. a coding standard, separation of tasks and research to be done

# Demo

* We need to have some form of working code to demonstrate the dropping of packets
* A specification document

# Documentation

The issue surrounding the assessment was who would be determining our mark. As both the client and the module will have a hand, the document must fit both parties’ requirements

The client does not necessarily advocate for the use of diagram; however, the module requires a demonstration of understanding when it comes to communicating a development plan among many members.

The decision sits as:

* provide simplified diagrams (use case, deployment, domain models etc.) to appease the module
* further provide a written description to fit the clients wishes.

# Design patterns

* Even though our project domain does not provide specific design patterns, the module may still ask for some. Cameron advised the use of about 2 patterns, further the client said we could use patters for the U.I.
* For the back-end, even though we may not use patterns specifically, we can develop a coding standard in a document and this can be used in place of design patterns

# Extra reading material

* The use of machine learning in the project has been flagged, to prepare it is advised to do reading on the topic “K-nearest neighbour” to grasp classification models

# To-do

* Provide a summary of research at the next demo
* Implement a minimum/basic packet drop to use at the demo