# Summary

## Meeting time and location

25 July 2019 @ the University of Pretoria

## Participants

* COS 301
* Dark nITes
  + Ruslynn
  + Jeandre
  + Muhammed
  + Sisa
  + Christo

## Decisions/Amendments made/adopted

* None

# To-do

* None

# Overview

The following notes were given at the post-mortem meeting for Capstone Demo 3. Pointers related to expectations for the next demo, as well as what to improve for demo 4 is given below.

# Improvements

* Think about which modules have been tapped to implement this project
  + Don’t worry about research modules
* Guest lecturers are coming in to mark
  + Prof Hein and Dr Marshall
    - Have sound Design Pattern and Computer Security knowledge in place
* Verbalise in the demo that load-balancing will only implement Round Robin and Weighted Round Robin, as specified in the design spec.

# Demo 4

* Implement forensic features (forensically sound techniques)
* Recordings of the system functionality is allowed
* Professionals will be in the demo
* Put it requests for required hardware at the demo

# User documents

* Make changes and alteration/corrections to documents. Parts that caused lacklustre performance must be changed to reflect the groups new course(s) of action to be taken.

# Load-balancing

* Mocked DoS attack demo; this must be demonstrated to show various parts of the system in play
* TCP flood could be used
* Increase the number of countries listed in the database, i.e. expand on the current saved rankings

# How to mitigate a DDoS attack

* Note the total amount system load to see if higher than normal activity is happening
  + Include possibility of the attack coming from various IPs/countries
* Look at the Mirai botnet attack for better details on a DDoS attack

# Project Day

* Everyone must have knowledge of the entire system
* Set up like stalls (think of career day)
* Focus our efforts for prizes more in our domain