

# FYP Logbook Entry Sheet

**Meeting No: 13**

**Date: 2025-03-16**

**Start Time: 10:00 am**

**End Time: 12:00 pm**

## **Items Discussed:**

1. Implementation of the NIDS module to fetch data into the web application's backend using Redis and Django-channels to display real-time packet information in the web dashboard.
2. Discussed how the user can change the custom values defined in settings.py during the runtime without affecting the system workflow.
3. Discussed how users can download the router's scan result in a pdf format.

## **Achievements:**

1. Progress on the real-time packet inspection module to capture and extract network data and store it in Redis-cache.
2. Users can see the live network data at the front end in cards and implement graphs for displaying network data.

## **Problems:**

When using Js library to download the router scan report, the pdf file was blank with only one page.

## **Tasks for Next Meeting:**

1. Continue working on real-time packet capture module to extract DNS data from the captured packet and store it in a Redis datastore and display it in a suitable graph and a table in the front end.
2. Research on how to implement changing values set in settings.py.
3. Solve the issue when user is unable to download the pdf report.

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**Student Sign**

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**Internal Supervisor Sign**

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