

CONTOH KULIT DEPAN

KOLEJ POLY-TECH MARA
KAMPUS CAWANGAN BATU PAHAT

INDUSTRIAL TRAINING REPORT
DIPLOMA IN COMPUTER SYSTEM AND NETWORKING

MUHAMMAD HARINI AZALI BIN AZLAN
PTM170104306

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CONTOH KULIT TEPI

DCSH

MUHAMMAD HAKIMI AZALI BIN AZLAN

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ACKNOWLEDGEMENT



Alhamdulillah, thanks to Allah s.w.t. I was able to finish the Industry training within the time duration given.

First, my special thanks given to my industry training supervisor, Encik Abdul Haleem bin Maarof for giving me an opportunity to gain an experience from this company. I am also thankful to people who supervised me during industrial training, Encik Fazli and Ezrul for always guiding me through operation work which requires skills in carrying out physically assigned tasks.

For my industrial training coordinator, Sir Zulfikar bin Abdul Kadir and my industrial training academic supervisor, Ustaz Azman bin Sha'ari, I would like to give special gratitude for giving the guidance from the beginning until the end industrial training programs.

Special appreciation also goes to my beloved parents for giving parental support such as transportation, financial and moral as well towards me when ups and downs happened accidentally throughout the industrial training.

Next, I would like to give special appreciation to my beloved parents for giving moral and financial support towards me ups and down happened accidentally throughout the industrial training.

Last but not least, I would like to give my gratitude to all my dearest friends that always support me directly and indirectly. Also I want to express the deepest appreciation to all Persiskom staffs who always helping me in carry out my tasks.

EXECUTIVE SUMMARY

All students of Kolej Poly-Tech Mara are required to register the Industrial Training subject. This is requirement to graduate for diploma programs. As a student in course Diploma in Computer System and Networking, I have been accepted by Persiskom Sdn Bhd company to undergo my industrial training for 16 weeks.

The industrial training period from 26th November 2018 to 17th March 2019 is a mandatory program for every Kolej Poly-Tech MARA Batu Pahat Diploma students. Every final Semester 6 students must complete the program by applying for training at any firm with work relating to the chosen Diploma programme. I chose Persiskom Sdn Bhd, a sub-contractor for Telekom Malaysia Sdn Bhd; which specializes in managing Wi-Fi network which relates to my field of study – Computer System & Networking.

The objective of the industrial training is to expose students to a professional working environment at a small or big company. Students can gain personal and interpersonal skills, experience, social and technical skills and problem solving skills, which would be beneficial and applicable to the students when they start work after graduation.

My job scope during my industrial training with Persiskom Sdn. Bhd. was installing equipment for Wi-Fi services. During my training, I gained an incredible amount of experience. Skills that I have acquired from hands-on work was related to my chosen Diploma programme. It was beneficial to my development as a student and also a person that will hopefully work in a professional field later in life.

This final industrial training documentation is compulsory for every Diploma student to complete. This report contains # chapters that provide details and information regarding the background of company, industrial activity, project details, conclusion and problems and recommendations. Lastly daily task report is also included that details activities done each day during the training period.

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CHAPTER 1

INTRODUCTION

1.0 INTRODUCTION

1.1 Definition Of Industrial Training

Industrial training refers to placement of students for at least 16 weeks in the industry or organization in order for them to apply their theoretical knowledge in the actual career world. This subject is an important module that has been compulsory for all students of Kolej Poly-Tech MARA. Student will undergo industrial training either in the public or private sector in the sixth semester of studies during 4 month.

During industrial training, students will be under supervised by who that was appointed. This program is intended to provide exposure and experience to the students about the real situation in the field of working.

1.2 Objective Of Industrial Training

The aims of this program is to provide opportunities for college students Kolej Poly-Tech Mara to get the initial exposure and familiarize themselves with the real world of work, especially in terms of application knowledge learned in college, the relationship of humanity, ethics and safety practices in the workplace.

Other than that, students can improve their own weakness and thinking more rationally in the handle of situation which had been given by the employer. The students themselves can infuse the spirit of productivity to the challenges and obstacle that lie ahead. In conclusion, students able to expose the real working environment, see the connection between theoretical learning with practical work, strengthen confidence in the performance of duties, adopt and comply

with safety regulation in the industry and instill teamwork and good relationship with other employees.

1.3 Objective Of The Report

All student undergoing industrial training are compulsory to finish written report. The objective of this report is to record all practical student activities during the training period. It is an important document with the activities that have been learned throughout the industrial training. This report could be used as evidence to the KPTM that students have undergo industrial training at the industrial training place.

In addition, the objective of this report is to document all activities that have been carried out during the period of industrial training for 4 months. This requirement enable students to think and remember what they have learned and have practiced during industry training.

After completing this report, it provide guidance or as reference materials to student after completing their studies.

CHAPTER 2

COMPANY PROFILE



Figure 2.1: Logo

2.0. Company Profile

2.1. Persiskom Sdn Bhd Background

Persiskom Sdn Bhd was formed in 1999 and has been appointed as Telekom Malaysia Elite partner for IBS which is In-building Broadband Solution. Mr. Nasir bin Mohamed is the founder of Persiskom and There are few chiefs which is led by Mr. Adlan Zabri. As a service provider, Persiskom has implemented IT project for software, hardware and network as well. Usually, Persiskom will maage based on Network Monitoring System that will monitor and display all the sites they have on screen.

For now, Persiskom has established to be the leading industry in managing network solution provider for industry such as hotels, colleges and hospital from peninsular Malaysia.

2.2. History Of persiskom Sdn Bhd

Since Persiskom Sdn Bhd was formed, Persiskom was successfully handling or managing clients site with overall of 80 sites and more than 4000 devices. The best of Persiskom achievement is when Persiskom is pointed as network provider for Maybank Golf Championship at Saujana Golf Club. Saujana has been the host for Maybank Golf Club for

over 3 years since 2016. Since then, Persiskom has been assigned as the third party in charged for managed network.

By using Ubiquiti devices which are capable to cater more than 1,000 users at one time and the price offered are reasonable, it made Persiskom network and team are the best in the market. During the championship held, Persiskom team are on standby to prevent any interruption to network and guide customers so that they have a good experience while browsing the internet using our network.

2.3. Location

Persiskom Sdn Bhd is at No. 58-2, Block G, Jalan Langkawi, Platinum Walk, Danau Kota, 53300 Kuala Lumpur. Figure 2.1 below show the location of Persiskom Sdn Bhd. Customers also able to contact by call +603-41311048 or email to info@persiskom.com.my.

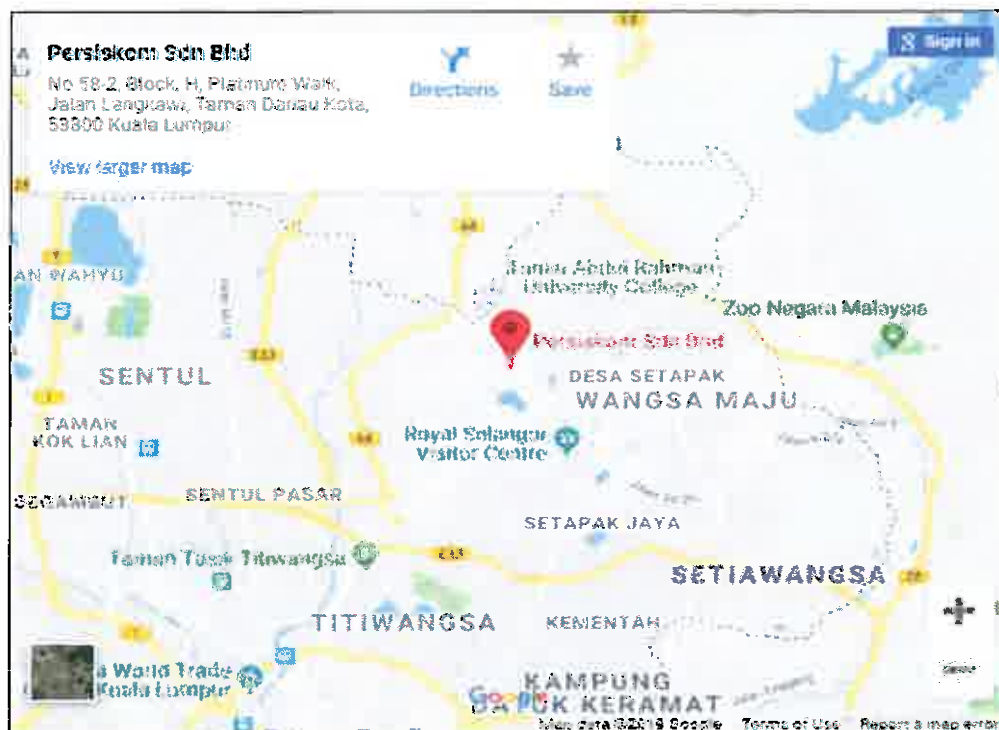


Figure 2.2: Location of Persiskom Sdn Bhd

2.4. Vision And Mission

Vision

To be recognized as a leader in quality and value of TM's Elite Partner. The most competitive component of the evolution of information technology, to be loved by our clients and to be showered in accolades by Telekom Malaysia.

Mission

To build the most convenient, secure, cost-effective Wi-Fi solution provider in cooperation with Telekom Malaysia.

2.5. Persiskom Sdn Bhd Organization Chart

Persiskom is categorized as a small business company with not more than fifty employees in total. The company runs by partnered person which divided with two departments which is sale and technical whereas both are led by Technical Director and Sales Director. Figure 2.2 below show the company's organizational chart.

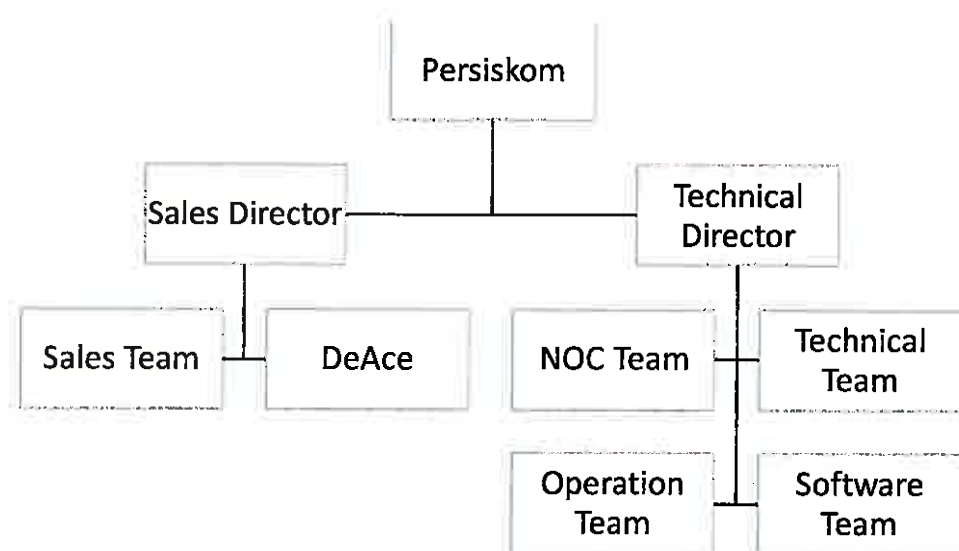


Figure 2.3 : Company's organizational chart

2.6. Persiskom Sdn Bhd Products And Services

Persiskom Sdn Bhd do not produce product, but only provide services. First, Persiskom managed network. Persiskom provide solutions fo WiFi network and IP-PBX. This services inclusive of 24 hours monitoring support for system accessibility and connectivity, equipment health-check bandwidth utilization. Also, provide troubleshooting for customer helpdesk and remote and onsite support.

Next, Persiskom also provide service for network infrastructure. Which mean, Persiskom provide cabling service with reasonable price. Persiskom team have more than 10 years experience in structured network cabling implementation for in-building and surrounding broadband fiber cabling implementation.

Lastly, Persiskom also have their own software development team. Persiskom able to produce applications based on public demand. Persiskom are committed to chain out top applications with high function performance and professional design. Persiskom team have mastered in several programming language and capable to give the best end result for public use.

2.7 Persiskom Sdn Bhd Function And Roles

As an Elite partner of TM, Persiskom Sdn Bhd is in-building broadband solution , It solution and services provider. Persiskom has implemented It projects for software, hardware and network.

- Installation of equipment
Operation team are take physically on-site to install any equipment
- Monitoring system accessibility and connectivity, equipment bandwith and utilization.
Using Dude software.
- Troubleshooting and problem solving
Troubleshooting remotely by technical team
- Customer service
Whatsapp is the main communication used by customer and NOC team.

2.7 NETWORK ENVIRONMENT AT PERSISKOM SDN BHD



Figure 2.8.1: Main office
and work area

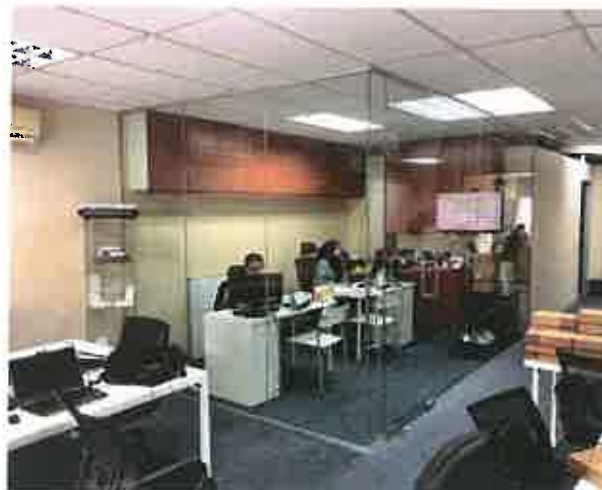


Figure 2.8.2: Administration & Finance area



Figure 2.8.3 :Meeting room



Figure 2.8.4 : Workplace area



Figure 2.8.5: Pantry and lounge

Every day at 9am a mandatory meeting is held with the Operation, Sales and Technical team. Any staff members absent at the office will join through Hangout application by voice chatting.

The training is supervised under Mr. Abdul Haleem Maarof, Head of System Development and Technical Specialist. In this industrial training, I was located in Operation Department.

During training, all trainees are taught and guided by on-site supervisors. Operation team will provide support by going to the working site. Technical team provides end-to-end support to ensure to stay connected via WhatsApp. In Persiskom, interns are encouraged to ask any questions regarding work. We are also encouraged to be independent in order to gain confidence level and enhance problem solving skills. Tasks given are different every day.

CHAPTER 3

PROJECT DETAILS

3.0. Project Details

3.1. Introduction of The Project

Throughout the training period, I have acquired and assisted in several projects given to me. This chapter will list and explain the projects done throughout the training period.

As an intern at Persiskom Sdn Bhd, there is an issue of shorthanded staff where the project may not be able to handle by the staff concurrently. Therefore, as for the objective to train an intern, Persiskom has given the opportunity to the trainee to break their leg in handling new project. As given to me, the task is managed from starting until the end. Kolej Vokasional Sg Buloh, is new project under DeAce department which is site under surveillance from Encik Bakar.

Since Kolej Vokasional Sg Buloh is the new project to implement, therefore the planning must be made correctly and systematically. First and foremost, project manager which led by Encik Bakar will going to site visit and go through the location of cabling and the placement of Mounted Rack along with gateway and switches and Access Point as well. Since the location and the placement of devices have been identified, it is time to meet the client in order to retrieve information and requirement from the user requirement. Requirements can be divided into three main categories which are user requirement, application requirement and also network requirement.

These three requirements are needed to be followed when designing a network to avoid failure. User requirement is basically about the services and network that user needs since mostly are concern about security, costs and the scalability. Meanwhile for the application requirement, it is mostly about usage

of application, reliability and availability as wells. Lastly, network requirement is usually consists of the functionality of LAN and WAN and its performances.

3.2 scope of the project

- this project design and build using dude software
- this project build to enable an LAN environment
- this project will be monitoring by operation team

3.3 objective of the project

Operation team is a team that take responsibility to make a route for cable, maintibg and problems solving. Other than that, Operation team also responsible for:

1. minimize project time. All task must be completed during time given
2. minimize casualties during operation.
3. Minimize cost by reduce mis-termination RJ45
4. Minimize conflicts.

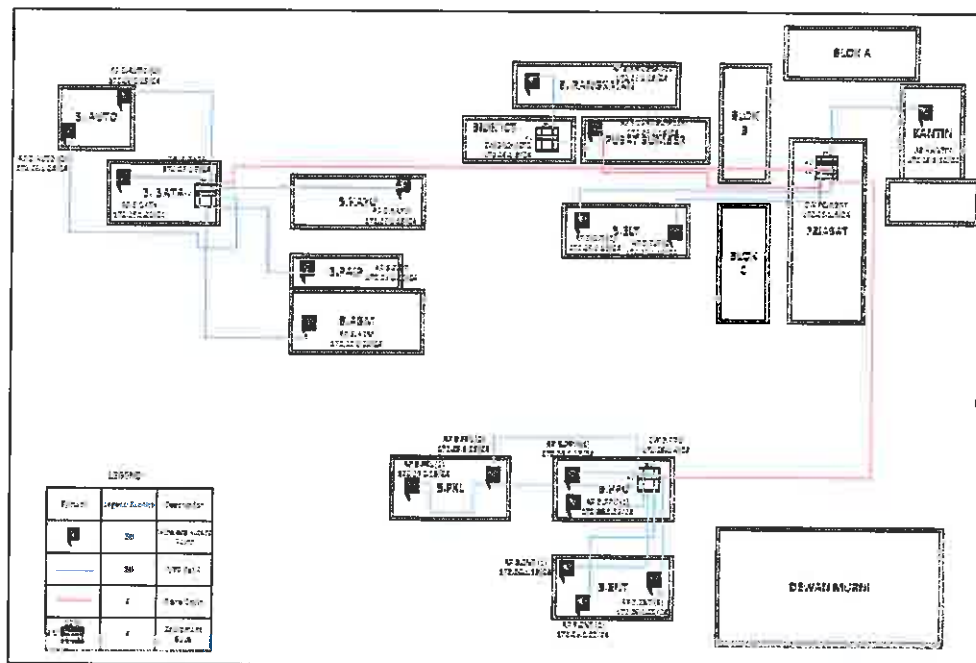
3.4 project details

During my internship period, there is several project I have involved shuch as KVSb(Kolej Vokasional Sungai Buloh) and TPM(Technology Park Malaysia). In this chapter I will tell about KVSb project. On the KVSb project we have to lay UTP cable and installing AP and mounting rack also fiber optic installation, this project been given time about one month period to complete all the project.

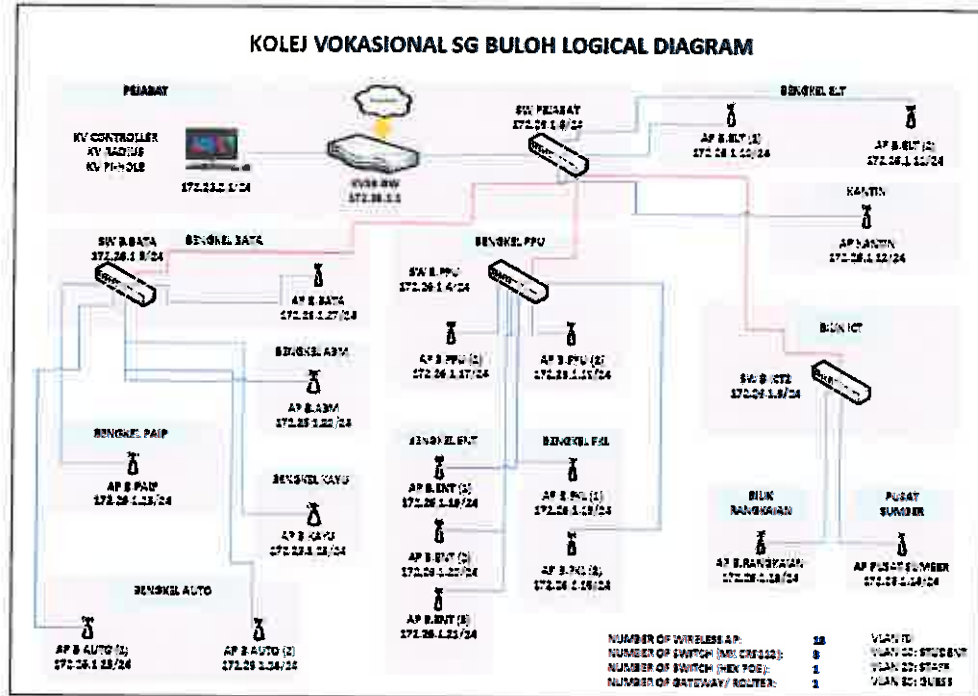
This project, we separated into two team to work in this site KVSb, because KVSb is a big site so it cannot complete only on one team, so as we separated into two team, one do lay cable and the other one installing AP.

3.4.1. Overview on existing network infrastructure at Kolej Vokasional Sungai Buloh

This is the first project I involved, KVSb. Below are the picture of KVSb infrastructure. The blue line indicate the UTP cable while the red line indicate the fiber optic. Based on the picture, we able to how to make a route for cabling. This diagram is drawn by team project.



3.4.2 Kolej vokasional Sungai Buloh Existing network diagrams



Before that, site visit must be done for make sure type of cable need, type of device and range coverage. Site must be done by team technical and sale team.

After the floor plan has been created, the logical network diagram is next to do. There are four placement of rack at scattered location which is at Pejabat, Bengkel Bata, Bengkel PPU and Bilik ICT. These four locations consist of the rack with switch.

3.4.3 Hardware supported at KVSb

3.4.3.1. COMPUTERS

This site does not need use of computer. All configuration is done at office. But sometime, some configuration need to configure at site such as landing page and data capping or set limit.

3.4.3.2 Network adapter

network adapter is the component of a computer's internal hardware that is used for communicating over a network with another computer. It enable a computer to connect with another computer, server or any networking device over an LAN connection. A network adapter can be used over a wired or wireless network.

3.4.3.3 SWITCHES

In this site , Persiskom Sdn Bhd do not use any hub devices. Only switches. Type of switches is Mikrotik Hex PoE. This Hex Poe consist of five port Gigabit Ethernet router for location where wireless connectivity is not required. It is affordable, small and easy to configure and use , and at the same time comes with a very powerful 800MHz CPU that capable of all advance configuration that routersOS suport

3.4.3.4 SERVERS

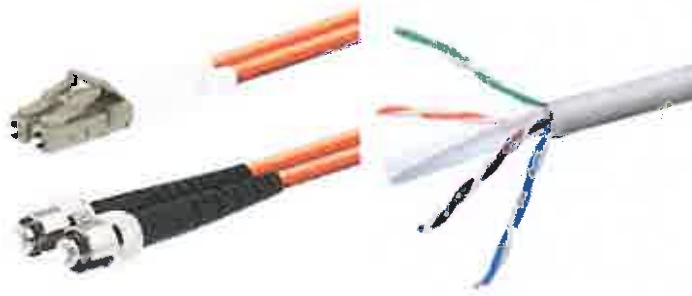
a server is a computer program or a device that provides functionality for other programs or devices, called "clients". This architecture is called the client-server model.

3.4.3.5 MODEMS

Mikrotik brand devices allows for easy use and configuration through its graphical user interface software. This device allows power over Ethernet (POE) when connected.

3.4.3.6 Cabling

this project used two type of cable. First is fiber optic. And UTP cable.



3.4.3.7 Printer and scanner

this company use a printer to print UAT and other site work plan, and for a label a UTP cable and fiber optic device, they use labelling device for a proper label.

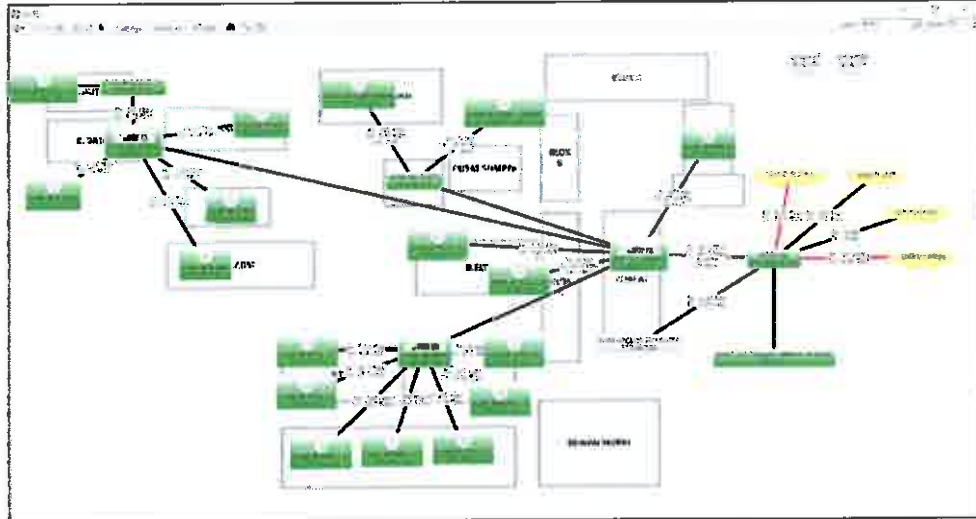
3.4.4 Project description

As intern student, I have got opportunity to handle some task such as AO mounting, routing cable and UTP cable termination. This project site is at Kolej Vokasional Sungai Buloh and under DeAce department which is site under surveillance from Encik Bakar. Since KVSb is the new project to implement, therefore the planning must be made correctly and systematically.

3.4.4.1 Differences between LAN and WAN

LAN	WAN
<p>A LAN (local area network) is a group of computers and network devices connected together, usually within the same building. By definition, the connections must be high speed and relatively inexpensive (e.g., token ring or Ethernet). Most Indiana University Bloomington departments are on LANs.</p> <p>A LAN connection is a high-speed connection to a LAN. On the IUB campus, most connections are either Ethernet (10 Mbps) or Fast Ethernet (100 Mbps), and a few locations have Gigabit Ethernet (1000 Mbps) connections.</p>	<p>A WAN (wide area network), in comparison to a MAN, is not restricted to a geographical location, although it might be confined within the bounds of a state or country. A WAN connects several LANs, and may be limited to an enterprise (a corporation or an organization) or accessible to the public. The technology is high speed and relatively expensive. The Internet is an example of a worldwide public WAN.</p>

3.4.4.2 Building an LAN network environment



3.4.4.2.1 Project planning

During my internship period, my supervisor give me a project. They ask me and the other intern to configure device and lay a cable and installing AP(Access Point) for a project Kolej Vokasional Sungai Buloh, After configure I was task to install all devices and lay UTP cable at the KVSb it took about one month of working thus of all the problem that we had during our work project at the KVSb

First for the project task is, site visit to see how the environment and where to there cable have to put and where the device such as AP have to place. So it divided in to two team because KVSb is a big place.

3.4.4.2.2 Suggested network equipment's

i. List of devices

In table 2.4 below shows the list of devices used for the deployment at Kolej Vokasional Sungai Buloh sites. There are all divided into 4 categories of devices which is router, switch, access point and server. In table 2.4 below shows the type of devices used.

Table 2.4 List of Devices

Devices	Model
Router / Gateway	Mikrotik RB1100
Switch	Mikrotik CRS112 Mikrotik Hex Poe
Access Point	1. Ubiquiti AC-LR 2. Ubiquiti CAP-AC
Server	1. Controller 2. RADIUS 3. Pi-hole

1. Routers

1. Mikrotik - hEX PoE

Mikrotik brand devices allows for easy use and configuration through its graphical user interface software. This device allows Power over Ethernet (PoE) when connected.



i. MikroTik - RouterBoard 1100AHx4

A 13 Gigabit Ethernet port router that is used for project sites such as DBKL sites, KYPJ and many more.

MikroTik RouterBoard RB1100Dx4



2.Switch

Ubiquiti Edge Switch

Powerful 24 or 48 port switch that deliver great performance with PoE support. The switches are used at many project sites such as Perdana Hotel, Ilham Resort, S.P.C. site and many more.



3.Access point

i. Ubiquiti Unifi – UAP-AC-LR / UAP-AC-HD

Access point that is nicknamed "*UFO*" delivers high performance Wi-Fi with its easy configuration through graphics user interface from its Unifi Controller application.



ii. IP-COM – AP255 v2

IP-COM access points are used primarily at hotel or hospitality sites. Installed in rooms, it is used to cover short distance for guests inside the room.



3.4.4.2 Project progress



Figure 3.1 : installing AP (Access Point) at the welding room study



Figure 3.2: installing AP at electric



Figure 3.3: lay a cable



Figure 3.4: setup routing for fiber optic and power cable



Figure 3.5 : drill for installing AP(Access Point)



Figure 3.6: splicing and install it in the rack



Figure 3.7: Mounting rack



Figure 3.8: termination UTP cable



Figure 3.9: installing UPS (Unprevented power system)

3.4.4.3. Network diagram of the project

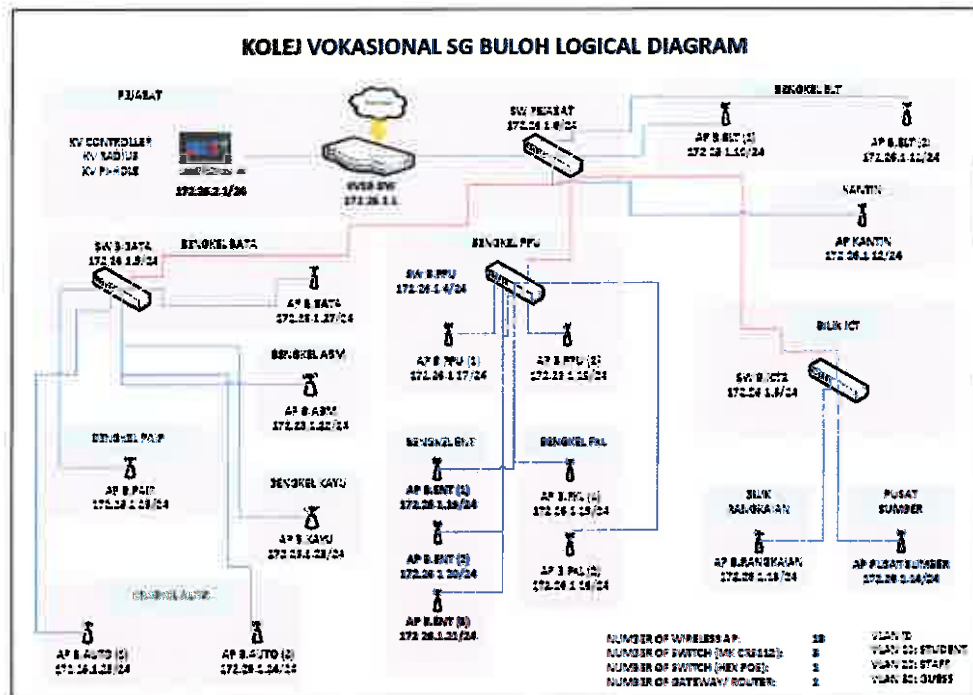


Figure 3.1.0 : network diagram

IP Address Assignment

IP addresses are divided into three categories where the first one represent IP address for devices, the second one represent IP address for user and the last one is the IP address for VLAN. All these categories of IP address is divided according to their different network however their subnets are still in the same network.

Table 2.3 IP Address assignation for each device

UNIT	NAME	DEVICE	IP ADDRESS	CONNECTED AP
1	KVSB GW	MK(RB1100)	172.26.1.1	
4	KVSB SW OFFICE	MK (CRS112)	172.26.1.6/24	B. ELT (1) B. ELT (2) KANTIN
	KVSB SW B. ICT	MK (Hex PoE)	172.26.1.3/24	AP BILIK RANGKAIAN AP PUSAT SUMBER
	KVSB SW B. PPU	MK (CRS112)	172.26.1.4/2	AP B. PPU (1) AP B. PPU (2) AP B. ENT (1) AP B. ENT (2) AP B. ENT (3) AP B. FKL (1) AP B. FKL (2)
	KVSB SW B. BATA	MK (CRS112)	172.26.1.5/24	AP B. BATA AP B. ABM AP B. PAIP AP B. KAYU AP B. AUTO (1) AP B. AUTO (2)
18	AP B. ELT (1)	AP (AC-LR)	172.26.1.10/24	
	AP B. ELT (2)	AP (AC-LR)	172.26.1.11/24	
	AP KANTIN	AP (AC-LR)	172.26.1.12/24	
	AP B. RANGKAIAN	AP (AC-LR)	172.26.1.13/24	

	APPUSATSUMBER	AP (AC-LR)	172.26.1.14/24	
	AP B.FKL (1)	AP (AC-LR)	172.26.1.15/24	
	AP B.FKL (2)	AP (AC-LR)	172.26.1.16/24	
	AP B.PPU (1)	AP (AC-LR)	172.26.1.17/24	
	AP B.PPU (2)	AP (AC-LR)	172.26.1.18/24	
	AP B.ENT (1)	AP (AC-LR)	172.26.1.19/24	
	AP B.ENT (2)	AP (AC-LR)	172.26.1.20/24	
	AP B.ENT (3)	AP (AC-LR)	172.26.1.21/24	
	AP B.BATA	AP (AC-LR)	172.26.1.22/24	
	AP B.ABM	AP (AC-LR)	172.26.1.23/24	
	AP B.PAIP	AP (AC-LR)	172.26.1.24/24	
	AP B.KAYU	AP (AC-LR)	172.26.1.25/24	
	AP B.AUTO (1)	AP (AC-LR)	172.26.1.26/24	
	AP B.AUTO (2)	AP (AC-LR)	172.26.1.27/24	
3	VLAN 10	STUDENT	10.10.10.2	
	VLAN 20	STAFF	10.10.10.3	
	VLAN 30	GUEST	10.10.10.4	

Result and Discussion

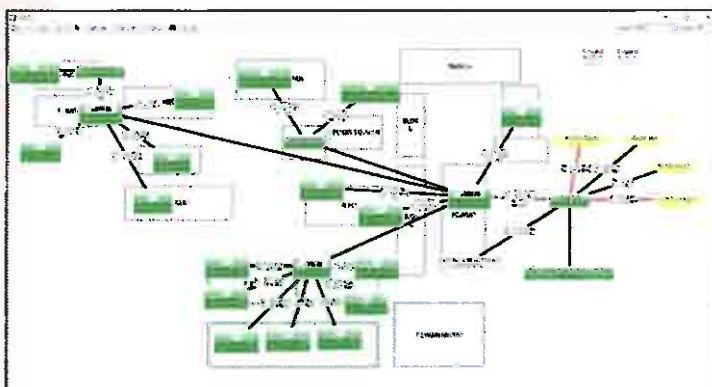


Figure 3.2.1 Kolej Vokasional Sg Buloh diagram on the The Dude for monitoring purposes. From this site, we can open through web and tool for configuration.

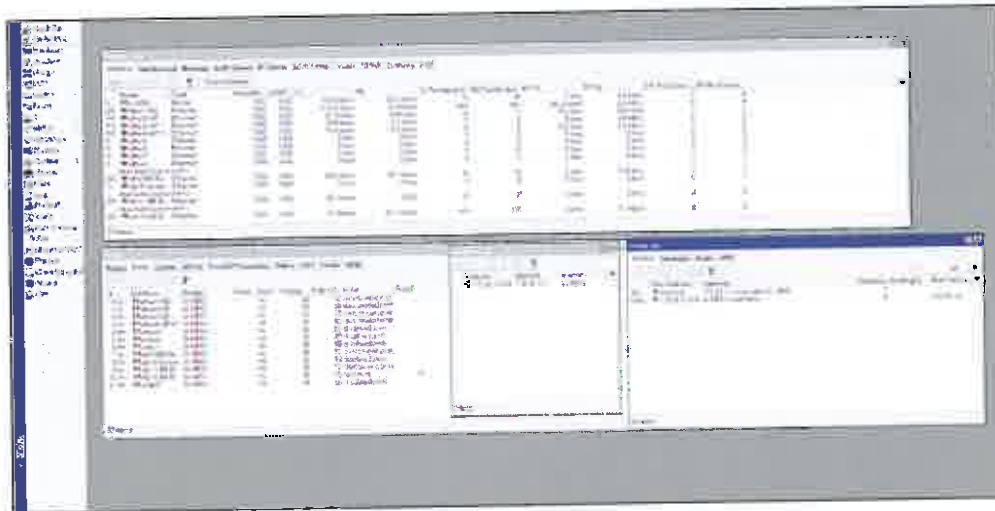


Figure 3.2.3 Configuration interface on Winbox where it shows some configuration tables that list number of interfaces, IP address, route VLAN and etc.

IP Address Configuration



Figure 3.2.4 The homepage of IP-Com webpage

In order to get into the web configuration of devices, each AP need to be configured one by one as IP address of each device is different unless the subnet masks and default gateway because it have to be in the same network class. Network engineer who monitor this site must enter the IP-Com by opening into web page at each device so that it can open up the website by using IP Address without need user input. The username and password is fixed for the devices.

MAC Address	08:00:00:18:4D:07	Save
Address Mode	Static IP	Restore
IP Address	172.16.17.40 <small>For example: 192.168.1.1</small>	Help
Subnet Mask	255.255.0.0 <small>For example: 255.255.255.0</small>	
Gateway	172.16.17.1	
Primary DNS Server	8.8.8.8	
Secondary DNS	1.9.1.9	
Server (optional)		
Device Name	FWP-R120V	
Ethernet Mode	Full-duplex / 10M half-duplex	

Figure 3.2.5 LAN Setup on IP-Com setting

There are basically 6 floors which there is an overlapping of the IP address and need to be customized differently. For floor 29, it is starting from 172.16.17.40 until 172. In table 7.1 below shows the table for IP address that has been inserted into IP-Com Webpage for the references.

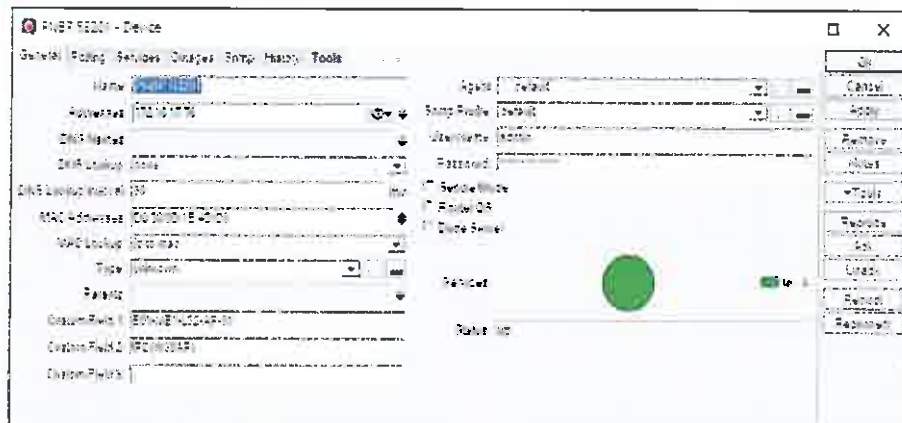


Figure 3.2.6 The Dude configuration setting for changing device's name

Moreover, at the Network Monitoring System which is also known as The Dude, the IP address needs to be in synchronization with the webpage IP-Com so that there is no contradicts. Therefore, network engineer must insert the IP address at the setting for each device.

Result and Discussion

From the task above, it can be concluded that IP Address assignation can be in two ways either by using Static IP Address and Dynamic IP Address. For making more available to user to be connected to any network while at sites, we should be configure the IP address to dynamic so that they easily get connected. But somehow for other cases, Static IP address is also used in order to set regular user or connected user over wired network. For instance the work task, the gateway and subnet mask should be all in the same network.

3.5 Conclusion of the Project

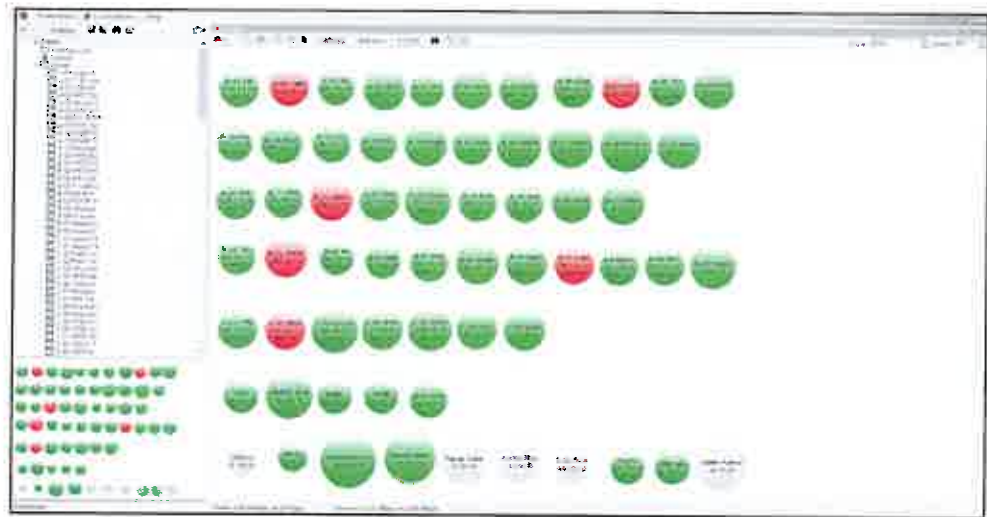


Figure 3.2.0 The Dude interface

As a conclusion, this project was able to finished within time given whis is one month, All staff and internship have been able to cooperate and solve a lot of problem together, so this site will be monitoring by the NOC team 24 Hours a day.

CHAPTER 4

OTHER PROJECT/TASK

4.0 OTHER PROJECT/TASK

4.1 INTRODUCTION OF DAILY TASK

The work time and training schedule starts from 9.00am to 6.00pm from Monday to Friday. Every morning when work starts at the office there will be a daily meeting for an hour or more. Sometimes, the job may require to start as early as 3.00am, 4.00am, 5.00am or 8.00am to travel for an off site job. Work schedules may also be extend after 6.00pm, and can be as late as 12.am.

Week 1

15/04/2019	<ul style="list-style-type: none"> Self introduction Print and pack tagging using proper labelling device
16/04/2019	<ul style="list-style-type: none"> Go to Enderong Resort for install Access point(AP) and AP bridge, then terminate UTP cable at Bentong
17/04/2019	<ul style="list-style-type: none"> Go to Kolej Vokasional Sungai Buloh for installing fiber optic, terminate UTP cable and assist TM staff for fiber optic termination slicing.
18/04/2019	<ul style="list-style-type: none"> Go to General Microsystem Sdn Bhd for testing UTP cable using LAN cable tester device.
19/04/2019	<ul style="list-style-type: none"> Go to Institute Latihan DBKL(IDB) for testing fiber and UTP cable, install Hex poe switch, and replace the old AP to the new AP.

Week 2

22/04/2019	<ul style="list-style-type: none"> Learn about RJ9 and RJ 11
23/04/2019	<ul style="list-style-type: none"> Learn about how to connected pig tail to fiber optic using fast connector
24/04/2019	<ul style="list-style-type: none"> Study about on how to configure Hex Poe
25/04/2019	<ul style="list-style-type: none"> Building an RSTB device, the function of this device is to restart the switch automatically using long distance device.
26/04/2019	<ul style="list-style-type: none"> Go to perdana hotel Kuala Lumpur to change and install new AP(Access Point) and testing speed, range and login page using speed test app, and organizing rack server.

Week 3

29/04/2019	<ul style="list-style-type: none"> Go to Enderong Resort at Bentong for installing Access Point on every floor and installing bridge
30/04/2019	<ul style="list-style-type: none"> Rearrange Persikom office store and configure RSTB box(remote setup box)
1/05/2019	<ul style="list-style-type: none"> Public holidays
2/05/2019	<ul style="list-style-type: none"> Format pc and go to Bangsar to pick up device
3/05/2019	<ul style="list-style-type: none"> Go to Enderong Resort to mount Access Point (AP)

Week 4

6/05/2019	<ul style="list-style-type: none"> Making a report
7/05/2019	<ul style="list-style-type: none"> Go to Enderong Resort Bentong to install AP(Access Point) at the lift and in the manager house
8/05/2019	<ul style="list-style-type: none"> Go to Perdana Hotel Kuala Lumpur for installing AP and troubleshoot.
9/05/2019	<ul style="list-style-type: none"> continue making a report

10/05/2019	<ul style="list-style-type: none"> continue making a report
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Week 5

13/05/2019	<ul style="list-style-type: none"> Go to Perdana Hotel kuala Lumpur for testing connection using power line.
14/05/2019	<ul style="list-style-type: none"> Go to IDBKL for mounting new Access Point
15/05/2019	<ul style="list-style-type: none"> Continue making a report
16/05/2019	<ul style="list-style-type: none"> Go to Silka Hotel Cheras for site visit.
17/05/2019	<ul style="list-style-type: none"> Go to Perdana Hotel KL for building a connection from server room to event hall using UTP cable and organized rack server.

Week 6

20/05/2019	<ul style="list-style-type: none"> Public Holidays
21/05/2019	<ul style="list-style-type: none"> Go to Cosway Tower at jalan Imbi kuala lumpur for site visit at plaza Berjaya
22/05/2019	<ul style="list-style-type: none"> Public Holidays
23/05/2019	<ul style="list-style-type: none"> Go to Raegae Mansion Hotel at Masjid Jamek for building one UTP cable connection from level 3 to rack server at level 1, and terminate UTP cable.
24/05/2019	<ul style="list-style-type: none"> Go to Enderong Resort Bentong for doing a User Acceptance Test(UAT) for finishing the project and test the connection speed, range, and DBm.

Week 7

27/05/2019	<ul style="list-style-type: none"> Go to Cosway Plaza Berjaya for building one connection UTP cable.
28/05/2019	<ul style="list-style-type: none"> Go to Kolej Vokasional Sungai Buloh(KVSB) building 18 connection UTP cable and AP(Access Point) and configure internet and terminate cable.
29/05/2019	<ul style="list-style-type: none"> Go to KVSB for continue working building 18 connection UTP cable.
30/05/2019	<ul style="list-style-type: none"> Go to KVSB for continue to complete the project 18 utp cable and AP, and test speed, range for Student, Guess and Staff.
31/05/2019	<ul style="list-style-type: none"> Go to GMS(General Microsystem) for testing Access Point(AP) and troubleshoot.

Week 8

3/06/2019	<ul style="list-style-type: none"> Annual Leave
4/06/2019	<ul style="list-style-type: none"> Annual Leave
5/06/2019	<ul style="list-style-type: none"> Public Holiday
6/06/2019	<ul style="list-style-type: none"> Public Holiday
7/06/2019	<ul style="list-style-type: none"> Annual Leave

Week 9

10/06/2019	<ul style="list-style-type: none"> Go to Perdana Hotel KL for a site visit installing a new Ap(Access Point)
11/06/2019	<ul style="list-style-type: none"> Go to Kvsb for installing AP(Access Point) and install UPS brand APC for backup power battery.

12/06/2019	<ul style="list-style-type: none"> Go to starfire for making a new project called Smart Mirror using Resberry Pie and a old television and go to keramat for troubleshoot device.
13/06/2019	<ul style="list-style-type: none"> Go to Starfire for continue on a Smart Mirror project
14/06/2019	<ul style="list-style-type: none"> Go to Starfire for installing Resberry Pie one a Smart Mirror

Week 10

17/06/2019	<ul style="list-style-type: none"> Study on how to configure Hex Poe and Go to Saujana Resort Golf for installing rack box for switch and fiber.
18/06/2019	<ul style="list-style-type: none"> Complete on a Smart Mirror project
19/06/2019	<ul style="list-style-type: none"> Go to Ilham Resort for Preventive Maintenance(PM) Go to Unity for relocated AP outdoor to indoor
20/06/2019	<ul style="list-style-type: none"> Continue making a report
21/06/2019	<ul style="list-style-type: none"> Go to SALAM Senawang for UAT purpose

Week 11

24/06/2019	<ul style="list-style-type: none"> Go to KVSb for UAT purpose
25/06/2019	<ul style="list-style-type: none"> Go to Taman Desa Medical Center for troubleshooting firewall.
26/06/2019	<ul style="list-style-type: none"> Go to Bumijaz Puchong for Open house event.
27/06/2019	<ul style="list-style-type: none"> Go to Jasamarine for replacing phone and configure using Grandtream website.
28/06/2019	<ul style="list-style-type: none"> Go to Saujana Golf Resort to Replace new Ap(Access Point).

Week 12

1/07/2019	<ul style="list-style-type: none"> Go to Saujana Golf Resort for exchanging new UTP cable.
2/07/2019	<ul style="list-style-type: none"> Go to Technology Park Malaysia(TPM) bukit jalil for a site survey or site visit.
3/07/2019	<ul style="list-style-type: none"> Go to Vnetwork Kota Damansara For a pick up device
4/07/2019	<ul style="list-style-type: none"> Prepare an equipment for TPM(Technology Park Malaysia) CCTV project.
5/07/2019	<ul style="list-style-type: none"> Annual Leave.

Week 13

8/07/2019	<ul style="list-style-type: none"> Annual Leave
9/07/2019	<ul style="list-style-type: none"> Pick up CCTV devices for upcoming TPM project.
10/07/2019	<ul style="list-style-type: none"> Night shift Go to TPM for building seven UTP cable for CCTV project.
11/07/2019	<ul style="list-style-type: none"> Night Shift Go to TPM for continue on building the seven UTP cable for CCTV project.
12/07/2019	<ul style="list-style-type: none"> Continue on making a report

Week 14

15/07/2019	<ul style="list-style-type: none"> Night shift Go to TPM for continue on the project
16/07/2019	<ul style="list-style-type: none"> Go to TPM for continue installing the CCTV and check if it work or not.
17/07/2019	<ul style="list-style-type: none"> Go to Starfire for final two week before ends, software team.
18/07/2019	<ul style="list-style-type: none"> Making an android apps called counting days for graduation using android Studio.
19/07/2019	<ul style="list-style-type: none"> Continue on making the android apps

Week 15

22/07/2019	<ul style="list-style-type: none"> Go to software team, finding max calculation for website.
23/07/2019	<ul style="list-style-type: none"> Go to Bumijaz for lay 2 cable AP(Access Point) for printer and phone.
24/07/2019	<ul style="list-style-type: none"> Go to software team to learn about how to make apps easy
25/07/2019	<ul style="list-style-type: none"> Learn on how to use the android studio.
26/07/2019	<ul style="list-style-type: none"> Go to bumijaz for troubleshooting and complete configure the telephone .

Week 16

29/07/2019	<ul style="list-style-type: none"> Continue making a report
30/07/2019	<ul style="list-style-type: none"> Public holidays
31/07/2019	<ul style="list-style-type: none"> Study about how to use adobe XD
1/08/2019	<ul style="list-style-type: none"> Study about how to use protopie and configure
2/08/2019	<ul style="list-style-type: none"> Continue on making a report.

4.2 Conclusion of the Project

As a conclusion, this documentation is compulsory for every Diploma student to complete. by done writing this daily task, it will prove that student was really undergo this internship perio

CHAPTER 5

RECOMMENDATION

5.0 RECOMMENDATION

For the recommendation, it is divided into technical and operation where it is based on the observation throughout the internship. As for the intern, Persiskom has to provide signature shirt so that our company will be more familiar among network business every time we going to sites. This is not only to attract people but somehow it can make it more proper if the attire is uniformly organized. Some of the recommendation is that, the company need to increase the level of surveillance to the interns. Although the knowledge is spread positively, however, the learning process sometimes doesn't fit the internship objectives for the student. For example, the configuration using Winbox and the Dude are both need to be learned by own even though the basic is taught properly.

5.1 PROBLEMS AND DIFFICULTIES FACED DURING PROJECT

Being an intern at the small company for handling several projects at the same time definitely faces the difficult phases most of the time. There are several challenges has occurred depending on the task given itself. In this topic, it will divide into two subs which are physically and theoretically.

The most obvious problem has occurred is that, the manpower in this company, the operation team was shorthanded and mostly man will do the job when it requires it to do it physically. The most challenges is that, operation team needed to step up to the ladder and mount the Access Point to some point where it need to be at the tree, ceiling and in the wall.

In addition, when there is a problem, there will be a constraint as well. Doing internship at Persiskom is good, unfortunately we have not been provided the safety while doing our task instead we just need to be careful and not only that,

there is no insurance attached to or job. Other than that, we were disserving with benefits and advantages that we can literally enjoy while internship. Hence, it could be one of the constraints that we have faced here while doing an internship

5.2 SUGESTION FOR PROBLEM SOLUTION

Based on the problem faced during the projects, here are some suggestion for problem solution, first, Persiskom should hire more staff in the operation team so that it have a lot of staff that can go to site, if one day many site have problem, so it can be done

Next intern should get more explanation about project, so that they know what to do when they have no supervisor on the site job. So that they can used they critical thinking in the site job.

CHAPTER 6

CONCLUSION

6.0 CONCLUSION

In conclusion, industrial training is an essential part of the Diploma program. Throughout the training, I have acquired plenty of knowledge, practical skills and experiences from working with Persiskom Sdn Bhd. From 26 November 2018 to 17 March 2019. The opportunity given to me by the company has helped in increasing my confidence level when working in a professional industry. The 16 Week period felt short but I have gained a tremendous amount of experience in Persiskom Sdn Bhd.

Persiskom Sdn Bhd is a great company to work with especially as an industrial trainee. This is because of its status as a small firm but handles big operation. Trainees will receive many knowledge during their training period. The job activities requires some strength and endurance. The work can extends after finishing hours as late as 12.00am.

6.1 ACHIEVING THE AIMS OF THE PROGRAMS

The main objective of industrial training is to expose the students to the actual working environment so that the student can grow their knowledge and skills based on the theoretical learned at college. By undergoing this industrial training I have achieve the aim of the programs. This industrial training show me how to be self confident and gain a lot of skills in this working environment.

6.2 SUGGESTION

- i. Extend the training period

Instead of 16 weeks of training, it should be extended longer so that the students can gain more skills and working experience. Working at Persiskom gained me

many knowledges that are not taught in classrooms. It would be great to extend the duration of training from four months to six months.

ii. Site visit the academic supervisors

The academic supervisors of KPTMBP should visit their supervisees to learn and observe what is being taught at the industrial training firm. This is beneficial for the college itself to see what is not being taught in class to prepare students later on. It is also good for the development and progress of the student by providing a good student-teacher relationship.

6.3 FUTURE ENDEAVOR IN THE PROJECT

For the future endeavor in the project, this companies already have 83 site and the number of equipment on site is 4,432 number in total, so in the future this company will have a lot more customer and a lot of site, Persiskom site has a site all over Malaysia. Persiskom have manage devices over this year,also have been a partner for TM Malaysia

BIBLIOGRAPHY

1. Article

- Standard guideline from Sir Zulfikar, Coordinator industrial training and also from Ustaz Azman Bin Sha'ari Academic Supervisor industrial Training.

2. Individual

- Encik Haleem Bin Maarof (Manager)
- Encik Ezrul Azwan (Network Engineer)
- Encik Mohammad Azizuddin (Network Engineer Leader)
- Encik Mohd Fazli (Operation Team Leadar)
- Cik Nur Atikah (Network Operation Center)

3. Website

- <http://www.persiskom.com.my/>
- <https://www.tm.com.my/corporate/Pages/index.html>
- <https://www.facebook.com/pages/Persiskom-Sdn-Bhd>
- <https://www.synchroweb.com/mikrotik/>
- <https://www.facebook.com/groups/380294199211450/files/>

Appendices



Photo 1: termination and installing CCTV



Photo 2 : preventive maintenance



Photo 3: making a smart mirror using resberry pie



Photo 4: making a RSTB box



Photo 5: termination UTP cable, using type b



Photo 6: mounting/ installing AP



Photo 7 : testing UTP cable



Photo 8: DB loss fiber optic check



Photo 9: Drill for mounting AP



Photo 10: fiber termination



Photo 11: lay cable



Photo 12: team
operation and starfire

DAILY TASK REPORT

PROGRAM CODE	CC103
PROGRAM NAME	DCSN
COMPANY NAME	PERSIKOM SDN BHD

STUDENT'S INFORMATION	
NAME	MUHAMAD HAKIMI AZALI BIN AZLAN
ID. NO.	PTM 170104306
IC. NO.	961227-10-6081
ADDRESS	NO 89 KAMPUNG TULU PINANG 48200 SEREMBAN SELANGOR
CONTACT NO.	019-6167372
ACADEMIC SUPERVISOR'S INFORMATION	
ACADEMIC SUPERVISOR	AZMAN BIN SHA'API
CONTACT NO.	017-743 1025
INDUSTRIAL SUPERVISOR'S INFORMATION	
COMPANY NAME	PERSIKOM SDN BHD
ADDRESS	NO 58-2, Block H, Platinum Walk, Jalan Langkawi, Taman Dana Utama, 53300, Kuala Lumpur
INDUSTRIAL SUPERVISOR	MOHD FAZLI BIN AMIL
CONTACT NO.	013-342 8582
REPORTING DATE	8/8/2019
DURATION	16 weeks

Week No. :

1

Date	Task	Remark
15/04/2019	<ul style="list-style-type: none"> Morning meeting and briefing Self Introduction Print and pack tagging using labelling device 	
16/04/2019	<ul style="list-style-type: none"> Go to enderong resort, Install Access point (AP) and AP bridge. Terminate utp cable. at Bentong 	
17/04/2019	<ul style="list-style-type: none"> Morning meeting and briefing Go To kolej vokasional Sungai Buloh, Installing fiber optic, Terminate utp cable, and assist tm staff for fiber optic termination slicing. 	
18/04/2019	<ul style="list-style-type: none"> Morning meeting and briefing Go to USJ Subang, for testing cable utp using LAN cable tester device 	
19/04/2019	<ul style="list-style-type: none"> Morning meeting and briefing Go to Institute Latihan DBKL (IDB), Testing cable fiber and utp, Installing hex poe switch, change old AP to new AP 	
20/04/2019	<ul style="list-style-type: none"> Rest day 	
21/04/2019	<ul style="list-style-type: none"> Rest day 	

Approved by

Supervisor Name : MOHD FAZEL BIN AMIR

Signature : 

Date : 19/4/2019



Week No. :

2

Date	Task	Remark
22/04/2019	<ul style="list-style-type: none"> • morning meeting and briefing • learn about rj 9 and rj 11 	
23/04/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • learn how to connected pig tail to fiber optic using fast connector. 	
24/04/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Study about how to configure hex PoE 	
25/04/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Building an RSTB device, function for restart the switch automatically just by using a laptop from office. 	
26/04/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Cham go to Perdana hotel KL, change and installing new AP, Testing Speed, range, and login page, and organizing rack server. 	
27/04/2019	<ul style="list-style-type: none"> • Rest day 	
28/04/2019	<ul style="list-style-type: none"> • Rest day 	

Approved by

Supervisor Name : MOHD FAZU BIN AMIL

Signature :

Date :

26/4/2019



Week No. :

3

Date	Task	Remark
29/04/2019	<ul style="list-style-type: none"> Morning meeting and briefing Go to Endrong Resort at bentong, Installing Access Point on every floor and installing bridge. 	
30/04/2019	<ul style="list-style-type: none"> Morning meeting and briefing Rearrange Persikom office Store and Configure rstb box (remote Setup box). 	
1/05/2019	<ul style="list-style-type: none"> Public holiday (labour day). 	
2/5/2019	<ul style="list-style-type: none"> Morning meeting and briefing Format PC and Go to bangsar to pick up items. 	
3/5/2019	<ul style="list-style-type: none"> Morning meeting and briefing Go to Eenderong Resort to install Access point (AP) 	
4/5/2019	<ul style="list-style-type: none"> Rest day 	
5/5/2019	<ul style="list-style-type: none"> Rest day 	

Approved by

Supervisor Name : MOHD FADZUL BIN AMIL

Signature : 

Date : 3/5/2019



Week No. :

4

Date	Task	Remark
6/5/2019	<ul style="list-style-type: none"> • meeting and briefing • Standby at the office • making a report 	
7/5/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Go TO Enderang Resort Benteng, Installing AP at the lift and at the house. 	
8/5/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Go to Perdana Hotel KL, Installing AP and troubleshoot. 	
9/5/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Standby at the office • continue making report 	
10/5/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Standby at the office • continue making a report 	
11/5/2019	<ul style="list-style-type: none"> • Rest day 	
12/5/2019	<ul style="list-style-type: none"> • Rest day 	

Approved by

Supervisor Name : MOHD FADU BIN AMIL

Signature : 

Date : 10/5/2019



Week No. :

5

Date	Task	Remark
13/5/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Go to PKL (Perdang Kuala Lumpur), Testing connection using power line 	
14/5/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Go to IDBKL, Installing new AP. 	
15/5/2019	<ul style="list-style-type: none"> • Standby off morning meeting and briefing • Standby at the office. • making a report 	
16/5/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Go to Silka Hotel cheras for site visit. 	
17/5/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Go to Perdang Hotel KL, Building a connection from Server room to event hall using UTP cable and organize rack server. 	
18/5/2019	<ul style="list-style-type: none"> • Rest day 	
19/5/2019	<ul style="list-style-type: none"> • Rest day 	

Approved by

Supervisor Name : MOHD FAZU BIN AMIL

Signature : 

Date : 17/5/2019



Week No. :

6

Date	Task	Remark
20/5/2019	• Public Holiday (Wesak Day)	
21/5/2019	• morning meeting and briefing • Go to Cosway tower at Jalan Imbi Kuala Lumpur for site visit at Plaza Bangsar	
22/5/2019	• Public Holiday (Wuzul - Qurban)	
23/5/2019	• morning meeting and briefing • Go to Raegae mansion Hotel at masjid jamek, Building one utp cable connection from level 3 to rack server at level 1, and terminate cable utp.	
24/5/2019	• morning meeting and briefing • Go to Enderang Resort Bentong, do a user Acceptance test (UAT) for finishing the project and test connection speed, range, and dbm	
25/5/2019	• Rest day	
26/5/2019	• Rest day	

Approved by

Supervisor Name : MOHD FAZU BIN AMIL

Signature : 

Date : 24/5/2019



Week No. :

7

Date	Task	Remark
27/5/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Go to Cosway tower plaza bekay building one connection Utp cable 	
28/5/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Go to kolej vokasional Sungai buloh (kvsb) building 18 connection and utp cable and Access point (AP), Configure Internet and terminate cable 	
29/5/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Go to kvsb Continue working building 18 connection UTP cable and AP. 	
30/5/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Go to kvsb Installing AP and test the Speed and range for Student, guess, staff. 	
31/5/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Go to Gms (General microsystems sdn. bhd) test AP and troubleshoot. 	
1/6/2019	<ul style="list-style-type: none"> • Rest day 	
2/6/2019	<ul style="list-style-type: none"> • Rest day 	

Approved by

Supervisor Name : MOHD FAZU BIN AMIL

Signature : 

Date : 31/5/2019



Week No. :

8

Date	Task	Remark
3/6/2019	• Annual leave	
4/6/2019	• Annual leave	
5/6/2019	• Public holiday (hari raya aidulfitri)	
6/6/2019	• Public holiday (hari raya aidulfitri)	
7/6/2019	• Annual leave	
8/6/2019	• Rest day	
9/6/2019	• Rest day	

Approved by

Supervisor Name : MUHD FAZLI

Signature :

Date :

31/5/2019



Week No. :

9

Date	Task	Remark
10/6/2019	morning meeting and briefing Go to Perdana hotel KL for a site visit Installing a new ap	
11/6/2019	morning Meeting and briefing Go to KVSb (Kolej vokasional), installing ap and install ups brand APC for backup power battery	
12/6/2019	morning meeting and briefing Go To Starfire for making a new project called Smart Mirror using Raspberry Pi and a old television and go to keramat for trouble shoot	
13/6/2019	morning meeting and briefing Go To Starfire for continue on a smart mirror Project	
14/6/2019	morning meeting and briefing Go To Starfire for installing raspberry pi on a Smart mirror	
15/6/2019	Rest day	
16/6/2019	Rest day	

Approved by

Supervisor Name : MOHD FAZLI BIN AMIL

Signature : 

Date : 14/6/2019



Week No. :

10

Date	Task	Remark
17/6/2019	morning meeting and briefing Study on how to configure hex poe Go to Saujana Resort Golf for installing rack box for switch and fiber.	
18/6/2019	morning meeting and briefing Complete on a smart mirror project	
19/6/2019	morning meeting and briefing Go TO ILHAM Resort for Preventive maintenance Go TO unity for relocate AP outdoor to indoor	
20/6/2019	morning meeting and briefing Standby office Continue on doing report	
21/6/2019	morning meeting and briefing Go TO SALAM senawang for UAT checklist	
22/6/2019	Rest day	
23/6/2019	Rest day	

Approved by

Supervisor Name : MOHD FAZLI BIN AMIL

Signature : 

Date : 21/6/2019



Week No. :

11

Date	Task	Remark
24/6/2019	morning meeting and briefing Go To KUSB (Sungai buloh) doing UAT	
25/6/2019	morning meeting and briefing Go To Taman Desa Medical Center for Troubleshoot firewall.	
26/6/2019	morning meeting and briefing Go To Bumijaz Puchong for open house event	
27/6/2019	morning meeting and briefing Go To Jasmarine for replacing phone and configure using Grandstream website Go To Mutiara Smart for open house event	
28/6/2019	morning meeting and briefing Go To Saujana Golf Resort Replace new AP.	
29/6/2019	Rest day	
30/6/2019	Rest day	

Approved by

Supervisor Name : MOHD FAZLI BIN AMIL

Signature : 

Date : 28/6/2019




Week No. :

12

Date	Task	Remark
1/7/2019	Morning meeting and briefing Go TO Sungai Golf Resort for exchanging new utp cable.	
2/7/2019	Morning meeting and briefing Go TO Technology Park Malaysia (Bukit Jalil) for a site visit.	
3/7/2019	Morning meeting and briefing Go TO vnetwork kota damansara for a Pick up device.	
4/7/2019	Morning meeting and briefing Prepare equipment for IPM project for CCTV	
5/7/2019	Morning meeting and briefing Annual leave	
6/7/2019	Rest day	
7/7/2019	Rest day	

Approved by

Supervisor Name : MUHD FAZLI BIN AMIL
Signature : 
Date : 4/7/2019



Week No. :

13

Date	Task	Remark
8/7/2019	Annual leave	
9/7/2019	Morning meeting and briefing Pick up CCTV for TPM project	
10/7/2019	Morning meeting and briefing night shift Go to TPM for building 7 utp cable for CCTV project	
11/7/2019	night shift Go to TPM for continue building 7 utp cable for CCTV project	
12/7/2019	Morning meeting and briefing Standby office Continue on Report	
13/7/2019	Rest day	
14/7/2019	Rest day	

Approved by

Supervisor Name : MOHD FAZEL BIN AMIL

Signature :

Date : 12/7/2019




Week No. :

14

Date	Task	Remark
15/7/2019	Night Shift Go TO TPM continue on building 7 UTP cable for CCTV project	
16/7/2019	Morning meeting and briefing Go TO TPM for installing CCTV	
17/7/2019	Morning meeting and briefing Go To Starfire for final two week before ends try for Software team.	
18/7/2019	Morning meeting and briefing making a android apps called counting days for graduation.	
19/7/2019	Morning meeting and briefing Continue making a android apps	
20/7/2019	Rest day	
21/7/2019	Rest day	

Approved by

Supervisor Name : MOHD FAZU BIN AMIL

Signature : 

Date : 19/7/2019



Week No. :

15

Date	Task	Remark
22/7/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Go to Software team, analyse about max calculation for website. 	
23/7/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Go to Bumijaz for lay 2 cable AP (access Point) for printer and phone. 	
24/7/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Go to Software team to learn about how to make an easy app 	
25/7/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • learn on how to use the android studio. 	
26/7/2019	<ul style="list-style-type: none"> • Morning meeting and briefing • Go to bumijaz for troubleshooting and Complete configure the telephone. 	
27/6/2019	<ul style="list-style-type: none"> • Rest day 	
28/6/2019	<ul style="list-style-type: none"> • Rest day 	

Approved by

Supervisor Name : MOHD PAZU BIN AMIL

Signature : 

Date : 26/7/2019



Week No. :

16

Date	Task	Remark
29/7/2019	<ul style="list-style-type: none"> • morning meeting and briefing • continue making a report 	
30/7/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Public holiday 	
31/7/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Study about how to use adobe XD 	
1/8/2019	<ul style="list-style-type: none"> • morning meeting and briefing • Study about how to use protopie and configure 	
2/8/2019	<ul style="list-style-type: none"> • morning meeting and briefing • continue making a report 	
3/8/2019	<ul style="list-style-type: none"> • Rest day 	
4/8/2019	<ul style="list-style-type: none"> • Rest day 	

Approved by

Supervisor Name : MOHD FAZU BIN AMIL

Signature : 

Date : 2/8/2019

