



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

EXCEL ACTIVITY REPORT

LINUX WORKSHOP 2021

Name: Ahmad Zulhakim Bin Zainal

Matric: A19EC0179

Programme: 2SECP

Academic Advisor: Prof. Dr. Azlan Bin Mohd Zain

Activity Information

1. Date: 18th May 2021
2. Venue: Platform Google Meet
3. Organizer: BIOMEHS Club
4. Position: Participant

Graduate Attributes

1. Scholarship
2. Thinking skills

Mini Report

Linux Workshop 2021 is an online workshop organized by BIOHMEHS Club to give exposure to the students participated in the event about Ubuntu Linux. The speaker: Dr. Khairulnizam bin Samsudin who works as an Administrative Assistant at Department of Computer and Communication Systems, Faculty of Engineering, Universiti Putra Malaysia was invited to share his knowledge and conducts practical session on Ubuntu Linux. The online workshop last about four hours 30 minutes, starting at 2p.m until 5:30p.m. The program overall focus on three things; brief introduction into Linux and explanation on its architecture and distribution (theory), using basic Linux command line, and basic programming using Linux to solve several simple problems.

Self-reflection: How does this activity contributes to the Graduate Attributes?

1. Scholarship

I believe that the phrase “Learning is a never-ending process” is deeply rooted inside every Computer Science student’s mindset. It is because we know that there is a huge amount of knowledge and things left to be explored in this field currently, which still does not include the upgrowing branch such as data analytics, bioinformatics, cyber-security, etc. Hence, I take this chance to broaden up my knowledge in computer science related stuffs and exposed myself with different kind of operating system that I usually used.

In the workshop, I was given exposure to the brief history, architecture, and distributions of Linux system. It was amusing because I had forgotten how widely Linux distribution (operating system based on Linux kernel) are used for both consumer and commercial used. For example, Android OS which is an operating system based on Linux kernel that commonly reside in people smartphones, apart from IOS. For the architecture part, it is more theoretical and need an in-depth study to fully understand it. This brings to me that if I truly understand the principle behind the operating system, I would be able to produce a better and optimized solution. I can say that the workshop does spark a bit of encouragement and motivation to become a developer somewhere in the future.

2. Thinking skills

During the session, the participants are encouraged to solve several problems using the Ubuntu Terminal and the basic Linux commands we learnt beforehand. The problems require us to use our thinking skills to tackle it and produce the solution. This also give us the chance to implement our newly learned knowledge from the session.

Poster and Certificate



The poster for the Linux Workshop features a blue and white geometric design. At the top left, it displays the UTM logo (Universiti Teknologi Malaysia) and the text 'SCHOOL OF BIOMEDICAL ENGINEERING & HEALTH SCIENCES Faculty of Engineering'. To the right is the BIO/EHS logo. The main title 'Linux Workshop' is prominently displayed in a large, bold, blue font, accompanied by the Linux penguin logo. Below the title, the event details are listed: '18th May 2021 | Tuesday', 'Time: 2.00-5.30 pm', and 'Platform: Google Meet'. A large, bold text 'Fee RM3 per person' is centered. On the right side, a photograph of the speaker, Dr. Khairulmizam Bin Samsudin, is shown. A dark blue box next to the photo identifies him as the 'SPEAKER'. At the bottom left, there is a red circular seal that says 'APPROVED UTM MERIT APPROVED'. In the center, a QR code is provided with the text 'Scan Here' below it. At the bottom right, contact information for further enquiries is listed: 'Further Enquiries, Contact 010-2934278 (Affif) 019-7980781 (Luqman)'. Social media handles for 'Biomehs UTM' (Facebook) and '@biomehsutm' (Instagram) are at the very bottom.

Figure 1: Poster for the event "Linux Workshop"



The certificate has a white background with blue geometric patterns in the corners. At the top, it features the logos of UTM (Universiti Teknologi Malaysia), BIO/EHS, and the Linux penguin logo. The title 'CERTIFICATE of PARTICIPATION' is written in a large, bold, black font. Below the title, the text reads: 'This certificate is awarded to' followed by the name 'Ahmad Zulhakim' and the ID number 'A19EEO179' in a gold-colored font. The recipient is recognized 'for their contribution as Participant in Linux Workshop 2021 on the 18th of May 2021'. A handwritten signature in black ink is placed above a horizontal line. Below the line, the name 'Prof. Dr. Kahar Bin Osman, Chair' is printed, along with his affiliation: 'School of Biomedical Engineering & Health Sciences, Faculty of Engineering, Universiti Teknologi Malaysia'.

Figure 2: Certificate of Participation for Linux Workshop 2021