



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Subject : SECP 1513 Technology &
Information System

Section: Section 01

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REFLECTION

Assignment 1:

Overall, the team has learnt that in an ever evolving field, we should always keep on top of new technologies and always be adventurous to try new things. Upskilling is important and can be done through various means, such as online webinar and courses. Aside from that, working on projects, posting them and revisiting them with new knowledge will also be beneficial for us to improve our skills. Our team is greatly motivated to keep improving and advancing in the field using the knowledge that we have gained from the talk.

Assignment 2:

After the visit to UTM Digital on 11th December 2023 (Monday) from 11.00a.m. to 1.00p.m. and attending the virtual talk on UTM Digital on 5th December 2023 (Tuesday) from 3.00p.m. to 5.00p.m. our team have attained many new knowledge. We were impressed with the job scope of UTM Digital. When we have a physical visit to UTM Digital, we were able to have a clear image about what does the actual workspace and environment in an organization looks like. We were impressed with the open space workspace in the UTM Digital that is different from other companies. This open workspace concept actually promotes the interaction between team members and enhance the productivity. Besides, we were also impressed with the smart screen that is able to connect with smartphones. This is a more interactive and productive way as team members can brainstorm their ideas about a project on the smart screen on the spot. This is a more productive way as after they scribble their ideas on the smart screen, they are able to save the draft compared to the traditional way writing on the white board. Throughout this whole visit, our team manage to learn more about the future industry scenario and we truly think that this event is very beneficial to all of us. We were also grateful that able to have an industrial visit just within UTM. This visit to UTM Digital is very useful to our team as it enhances our understanding towards the workspace in UTM Digital. After this visit we also have more understanding towards the technology and information system as this time is not just a virtual slides but we are able to have a closer look on the hardware. This is to be said so because when we visited the data center, we were all impressed with the data center with servers. It was the very first time we have a close look on the data center physically. Our team do feel that visiting the organization and attending the talk facilitates our understanding towards the materials of the course. This is because we can be in contact with the materials in the virtual teaching slides into the real physical world. This event actually can pique our interest towards this course. In addition, the staffs in UTM Digital were very helpful as they do assist us to know more about the organization. They were also always there to clear our doubts throughout the visit. When we have some queries and have an interview to ask them, they were also willing to answer our questions.

Assignment 3:

After attending the industrial talk given by Miss Qistina, I am inspired and have a clearer picture about the workplace culture as a system developer in the future as a computing student. In this future industry related to IT, it is a continuous learning and developing process. To be a system developer in the next four years, we need to have the eagerness to learn and explore new things to be able to cope with the environment that changes daily. As we are in the role of system developers, we need to always polish our skills in using the technology. Communication is also vital as system developers will always need to communicate in our team and with the customer in the future. Good communication skills are essential to understand customer's needs and convey their requirements to our technician team in future. System developers always need to have the sense of catching up to the trend, learning new technology to adapt with the emerging environment of IT related industries.

Assignment 4:

After attending this Tech Driven Technology Industrial Talk by Dr Seah, I am inspired by the speaker. I was quite surprise to know that how the technology that we learned in class can be applied in such a field of agriculture. Before attending this talk, I believe that when the word technology is mentioned, what that really strikes into our mind is always something related to the advanced computing world. We rarely give our attention to the source of food that is essential to our daily lives. I realize that how important about always thinking out of the box and try to relate the things we learned to benefit our community. This is vital for us that always receives the benefits from the community to give back to the society and it could be better if we can use the technology to serve our society. I learned from this talk that technology is used to assist our lives in various ways and perspective. We should have the creativity on applying technology to enhance our daily lifestyle.

Design Thinking Project:

I do hope that I am able to gain more knowledge not just from what is taught but also learn through hands-on projects. Through this design thinking, I am able to think critically. By critical thinking, I have to think more and view the problem from different angles. Through this design thinking, I am able to be more creative and innovative. This is due to the fact that I have to compare our product with the existing product that is similar on the market. I need to have more improvements on our product and modify the current product based on the needs to be comparative. By having the experience through this design thinking, I am able to identify my weakness and it is not too late to know about it. There are still many improvements that are necessary to improve my potential in the industry. I need to upskill myself from time to time to be able to keep track with the needs in the industry. I am also aware that as computer science students, we have to face different users in the future and we should always be prepared to fce different challenges to encounter with users' problems.

PC Lab:

It is the first time we work as a team together. It is a great experience as we are a team with all girls but we are able to complete this lab task. We manage to follow step by step as guided by the lab assistants. It is truly fun as this is the very first time we can disassemble and assemble the computer's Central Processing Unit (CPU). This lab task enhances our understanding towards the computer hardware. We are able to have hands on activity to assemble the CPU. It is a great satisfaction when we are the first group to complete the lab task.