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INDUSTRIAL VISIT REPORT

ON

(PERPUSTAKAAN SULTANAH ZANARIAH)

PSZ

Presented by :

Wan Ahmad Amirul Iman Bin Wan Ahmad Yusmi (*Leader*)

Ayu Nazira Binti Azharudin (*Member*)

Nuraina Najwa Binti Mohd Rauzi (*Member*)

Chiam Wooi Chin (*Member*)

Submitted to :

Dr. Sarina Binti Sulaiman

College   : Universiti Teknologi Malaysia (UTM)

Faculty   : Engineering

School   : Computing

Subject   : Technology & Information System

Subject code : SECP1513 - 07

Event :-

Name   : CICT, Galerium, Perpustakaan Sultanah Zanariah (PSZ)

Date   : 20 / 10 /2019

Place   : Aras 2, Perpustakaan Sultanah Zanariah (PSZ)

                UTM, Johor Bahru

INTRODUCTION

✧ **Perpustakaan Sultanah Zanariah (PSZ)**

UTM Library placed at the middle of Universiti Teknologi Malaysia (UTM) in Skudai. It was officiated by Her Majesty Sultanah Zanariah, the Chancellor of Universiti Teknologi Malaysia on 3rd February 1991.

Vision

- To be the centre of knowledge in science, technology and engineering.

Mission

- To enhancement the knowledge for users through easy access and sharing the resources of science, technology and engineering.

Galerium UTM is one of the PSZ's part.

✧ **Galerium UTM**

Galerium UTM is the most important entity for the University in effort to collect, preserve and record the University's historical heritage. The University's diversity of artifacts across technology, science, engineering and cultural arts should be preserved by all parties for the benefits of the next generation.

Galerium UTM was officiated by Ybhg. Prof. Datuk Ir. Dr. Wahid bin Omar, the 6th Vice Chancellor of UTM on 28th September 2017.

Galerium UTM was divided into several smaller galleries such as University Heritage Gallery, Microfilm Gallery, Information Technology Gallery and Audience Gallery. The artifacts on display are equipment used by people in 1970s and 1990s.

❖ **CICT**

CICT is a support unit that offers and delivers ICT service for the university's member.

EVENT SCHEDULE

Date : 20 / 10 / 2019

3.15 p.m. - 3.30 p.m.	Accumulate students at PSZ
3.30 p.m. - 5.00 p.m.	Visit Galerium Briefing about history of technology from CICT member
5.00 p.m.	End

ORGANISATION STRUCTURE OF CICT

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INFORMATION TECHNOLOGY OFFICER

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PN. ASLINDA BINTI MOHAMED ARIS (FA44)

CICT KL

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EN. NIK KAMAL IZUDDIN BIN NIK IBRAHIM

APPLICATION DEVELOPMENT MANAGEMENT

EN. ZAILIS BIN ABU BAKAR (FA41)

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APPLICATION DEVELOPMENT MANAGEMENT

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PROF. MADYA DR. MOHD MURTADHA BIN MOHAMAD

INFORMATION TECHNOLOGY OFFICER

TN. HJ ROSLAI BIN PAIMIN

E-LEARNING & UTM SUPPORT APPLICATION F-

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WEB & MULTIMEDIA

EN. AZMI BIN KAMIS (FA44)

PN. ZURAIDA BINTI

CORPORATE MANAGEMENT

RIGHT REGISTRATION ASSISTANT

PN. SABRENA BINTI OMAR

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OPERATION MANAGEMENT

EN. MOHD ROZI BIN KATMIN (FA44)

IT ACADEMIC FELLOW CICT JB

PROF. DR.ALI BIN SELAMAT (VK07)

PROF. DR. TROSE ALINDA BINTI ALIAS (VK05)

PROF. MADYA DR. MASITAH BINTI GHAZALI (DS54)

DR. MOHD ADIB BIN SARIJARI (DS51)

DR. ABD. RAZAK BINSAMINGAN (DS45)

INFORMATION TECHNOLOGY OFFICER

PN. SITI MARYAM BINTI MAMAT (FA52)

EN. AZIZ BIN YAACOB (FA4)

EN. ABD HARIS BIN

There are a lot of services provided from Information and Communication Technology Center (CICT) including internet, infrastructure and security, application development, web management, software and Information and Communication Technology(ICT) support, etc. All the services provided is very useful to all UTM students and stuff.

The infrastructure and security including ID account and access, email, UTM hosting, UTM-ads, ICT security, high performance computing, video conferencing and streaming, WiFi, and Virtual Private Network (VPN). Based on the services given, the UTM WiFi is one of the most useful services for the convenience of the entire UTM community. However, there are some acceptable usage policy that we need to follow. First, the service provided is a privilege and not a right. Therefore, all students, staff and guests are expected to practice responsible computing and internet access to adhere to UTM ICT Policy when accessing UTM WiFi network. Since the UTM WiFi network capacity is limited, any misuse or abuse of the network services and facilities that constitutes a violation of UTM ICT Policy could result in disciplinary procedures through UTM Legal Office. The quota for Internet usage per user based on UTM ID which is limited to a maximum of 15GB per month per device such as computer, laptop, smart phone, etc to ensure fair usage and access to the UTMWiFi network service. The access and use of UTMWiFi are controlled by the ACID authentication. So that, each user is responsible for all activity conducted under his/her own login credential. The UTMWiFi network connection may be subject to monitoring for security, bandwidth and quota usage,legal or troubleshooting purposes by the Office of CICT, UTM or a request from law enforcement authorities   .

Since, UTM encourages all students to use licensed software. Therefore, CICT has been in charge of operating the Software Center at UTM. The CICT has provides some rules that must be obeyed by the users as a licensed software services center for users at UTM. CICT UTM also has been responsible for managing the Microsoft web for all users of UTM. This Microsoft software is provided for FREE by Ministry of Education(MOE) to all staff and students. The software is available on the Microsoft

DreamSpark web site where all the software information can be obtained by staff email (gmail.com) or student email (mail.live.utm.my). Examples of licensed software provided to all students and staff is Ansys, Endnote, Mathematica, Matlab, Microsoft Office (only for mac) , Nvivo, Simul8, Sppss Amos, Spss Moduler (for windows users only) and Spss Statistic.

There are several achievements made by CICT UTM. This achievement is a benchmark of the quality and productivity of group work that serves all consumers. In 2017, there are two achievements which are 'SAGA Compliance Certificate' and 'The Most Active PTJ of Senamrobik Perdana Siri 2/2017'.

SAGA Compliance Certificate stands for Standard Accounting System For Government Agencies. SAGA is an accounting application system and financial developed or Commercial-Off-The-Shelf (COTS) as well related support systems financial data integrate with it. To achieve an award from SAGA an agency or company needs to meets 20 criteria that have been made from SAGA with 12 functional criteria and 8 technical criteria. CICT UTM has been achieved all of those criteria and able to provide the best technical documents and lead the University to achieve this award. SAGA Completion of Certificate of Compliance (Standard Accounting System For Government Agencies) 2017 which was presented by the Accountant General's Department of Malaysia on November 22, 2017. UTM is among 59 of 416 agencies that have successfully received SAGA Compliance Certificates other than USM, UPSI, UMP, UPNM, UNISZA, UTHM and UPM. With this achievement, hope that all CICT residents continue to provide excellent service to CICT and the University.

For the second award 'The Most Active PTJ of Senamrobik Perdana Siri 2/2017'. Senamrobik Perdana Siri 2/2017 was held on February 7, 2017, at the Azman Hashim Stadium of UTM Johor Bahru. CICT staff attendance was 50 out of 123, accounting for 40.7% of the total staff at CICT. This has been made for CICT awarded as 'The Most Active PTJ of Senamrobik Perdana Siri 2/2017'. Hopefully, all CICT staff will be more excited to join the Senamrobik Perdana

"ICT Competency Skill" for Information System Development (ISD) Project. This project was presented by En. Helmee bin Yaacob, Senior IT Officer,CICT/TNCPI Office. This case study was presented on 5 October 2017. This case study aims to explore the literature on ICT Competency Skill criteria in Information System Development (ISD) and to analyze the ICT technical criteria needed to construct competency framework for ISD. The problem that was arise is requirement of system development more complex. This system needed the qualified and competent skill project team member. The other problem that arise are the failure of Project Delay , run out of budget, Resources Issues. This also causes by the previous study that not cover in specifically detail competency skill in ISD. In this case study, it will identify the effective ICT competency skills for CICT staff. It also to recommend an ICT competency skill framework by analyzing previously framework. This case study will identify the best option that suitable with current methodology or framework and the reasons why ICT competency almost fail completed a system development project on time.This case study will change the ICT competency level for CICT staff to have an improvement.
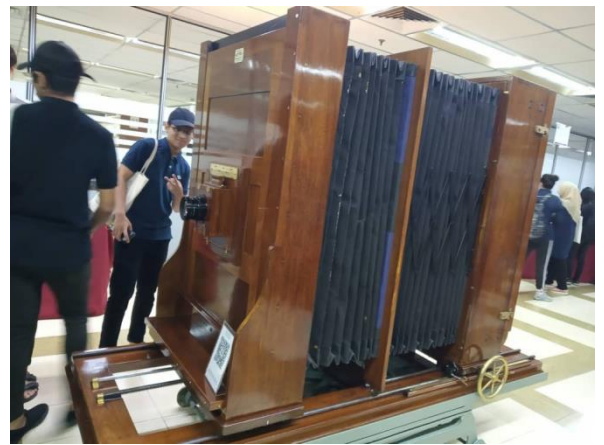
REFLECTIONS

The goal with regard to this course is develop the new software and technology which can replace the old technology and benefits people nowadays. After the visit to Galerium in Perpustakaan Sultanah Zanariah, we have learn that the development of science and technology from old times to modern times. As the time progress, we know that the increasing advance of human civilization can bring the invention of many advanced technology and software such as laptop, digital camera, smart phone, smart TV and so on.

This visit had deeply impact us about the importance of new and advanced technology devices in our life. Before this visit, we have not knew about the advanced technology devices today was transformed from the old technology devices and changed that much. From the day we were born, the science and technology already became so advanced and we do not have any of the experiences of using the old technology. However, this industrial visit to Galerium had widen our horizon and knew about the progress of the technology devices. This let us want to explore that how the inventors had invented the new convenient and advanced technology devices. From this, we know that we also want to develop the new software and technology to benefit the people in today world with regard to our course.

Since we do not have any knowledge and experiences about the develop of new technology devices, there are some improvements for us to improve our potential in this industry. First, we will increase our knowledge about the transformation of the old technology devices and do some research about the developing of new technology. Next, we would like to attend in some seminar, talk, exhibitions and visit which can bring us more experiences about the improvement of the technology devices from the past to the present. Lastly, we will also go abroad to broaden our minds and knowledge so that we will know how to develop the advanced technology that bring convenient to people.

WORK PLAN

Name	Duty
Wan Ahmad Amirul Iman Bin Wan Ahmad Yusmi	Make front page, introduction, industry background work plan table and conclusion. Compiled all of the contents and edited the format of the report. Plan to meet up for discussion
Ayu Nazira Binti Azharudin	Make organization structure and service report. Take photo during making report as a prove our teamwork. Edited photo of the program in the report.
Nuraina Najwa Binti Mohd Rauzi	Give duty to the members. Make achievement and information system report. Add photo of the program in report. Plan to meet up for making report.
Chiam Wooi Chin	Make some reflection about the industry activities. Give some support to other members on writing report.

CONCLUTION

We start to learn something from zero to professional. It same as technology, it also have the point where it start created and develop which is 1980s. So, Galerium is the one of the place that keep the historical of the technology, engineering and science.

So, we need to be grateful that we live in modern era that full with advance technology. People in this era always say " Information at your fingertips ". I hope that people in this era continue to develop the technology so it can be useful to the next generation.

REFERENCES

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