SKILLS IN UNIVERSITY AND INDUSTRY

TOPIC 1: Designing Success: From Graphic Multimedia to Leading Project

TOPIC 2: Preparing for Entrepreneurship in IT: Essential Skills and Strategies for University Students

GROUP MEMBERS:

1. MOK JUN YANG (A24CS0269)
2. LIEW SHAN NENG (A24CS0263)
3. Muhammad Zufar Aljauza (A21EC4051)
4. Dimas Prabowo (A21EC4043)

ACADEMIC REPORT ON INDUSTRY TALK 2

This academic report aims to provide insight into the speakers' experiences, basic computer science skills as well as skills required in the industry.

DESIGNING SUCCESS

(1st speaker experience)

The first speaker is Mohd Hakimi Iqmail. He is a Graphic & Multimedia graduate from UTM and is currently a system analyst and project manager at UTMDigital. He worked on Kingdom Ran (2018) while he was at Okakichi as a game programmer. Mr Hakimi is also responsible for the RADIS 4.0, ICEys and many other systems for UTM.

(Basic skills required for computer science)

Mr Hakimi begins by talking about technical skills required by students. He starts off by saying that it is not the programming language that is important, but rather the logic behind them. Next, he talked about the importance of mastering database structures. Aside from that, Mr Hakimi also discussed about having good debugging skills, keen security awareness and analytical & logical skills.

The second part elaborated about management skills. Mr Hakimi exclaims that everyone is bound to be a leader one day, so it is imperative that we learn management skills to lead our teams. One of the skills he brought up is technical skills. Having strong technical skills allows us to gauge the scope and feasibility of projects and providing alternatives.

PPREPARING FOR ENTREPRENEURSHIP IN IT

(2nd speaker experience)

The second speaker is Mr. Nik Mohd Habibullah bin Nik Mohd Nizam. He is also a Graphic & Multimedia graduate from UTM, and he was involved in UTM digital library project during 3rd year degree. He started his entrepreneur's career from NI solution, and then created a company called Micro Semiconductor Sdn. Bhd. Currently, he collaborates with UKM and start a business called DatSini, and create 2 products, namely Get Me Hired and Dialysis Manager.

(Basic skills required by industry)

Mr Nik briefly talks about the common mistakes when it comes to job hunting. He mentioned that we should partake in many activities related to our field while pre-emptively seeking out job or project opportunities during our study to add to our resumes for future endeavours.

Afterwards, he talks about applying the IRPA method (Identify, Research, Prepare and Apply) when it comes to applying for jobs. The first step is identifying every aspect of your life. You should

identify your strengths and weaknesses, the types of jobs you desire, the required skills needed for it as well as deciding if you are money or career driven. Next, Mr Nik talks about conducting research into the jobs you have decided on. You should research the possible opportunities, the companies that offer said jobs, the culture surrounding it and the sustainability of the job and industry. Afterwards, he talks about being prepared to apply for job. Essential documents like a resume, portfolio and recommendation letter would aid you in landing the job. Lastly, he talks about knowing where to apply for jobs. Places such as Jobstreet and LinkedIn are great places to start.

To end off the session, Mr Nik also briefly touches upon the important terms for IT roles as well as important tools and software used by industry professionals.

Reflection:

LIEW SHAN NENG:

After attending the industrial talk presented by Mr. Hakimi and Mr. Nik, I think I'm clearer about what aspects I need more focus on to improve my knowledge and competitiveness if I wish to apply for jobs in my future.

MOK JUN YANG:

After listening to this industry talk, my understanding of the skills required for computer science and its industry has deepened. With the speakers' advice in mind, I'm able to focus on aspects of myself that can improve my chances of succeeding in the future.

ZUFAR:

As a participant, I felt motivated by the speakers' journeys and the practical advice they shared. The session not only provided a roadmap for building technical and managerial skills but also emphasized the value of soft skills, adaptability, and lifelong learning.

DIMAS:

My understanding of how to move from school to a successful job improved after I went to the industry talk. The speaker's story and ideas about being flexible, learning new skills, and making smart decisions in life motivated me to work on improving my strengths and getting ready for future chances.

Reference Lists:

1. https://utm.webex.com/recordingservice/sites/utm/recording/495193b7b8d1499da9109e304e3f154a/playback
   Password: FMn33DCjvq3