



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF COMPUTING

SECP1513 TECHNOLOGY AND INFORMATION SYSTEM
SEMESTER 2 2024/2025

LECTURER'S NAME

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**REFLECTION ASSIGNMENT 2
(INDUSTRY TALK 3)**

Topics Covered :

Description of the Speaker Experience
Basic Skills Required by Computer Science
Skills Required by the Industry
Reflection by Each Member

Our Team



**CHE KU MARDIAH BINTI
CHE KU MAHHADI
SX241899ECJHF01**



**SYAHIDATUL NAJWA
BINTI ZAMRI
SX241889ECJHF01**



**UMI IZZATUL NATASHA
BINTI MOHD FADZIL
SX240227ECJHS01**



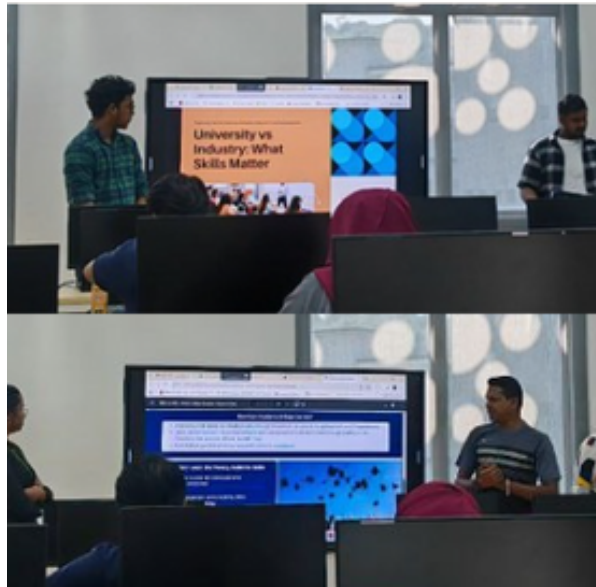
**BETTY OLIVIA ONG
DANKER
SX240277ECRHS01**



**NUR FARRAH HA BINTI
M WALED
SX241905ECJHF01**

Description of the Speaker Experience

In the talk, the speakers shared that both technical and soft skills are essential for success. Based on their experience, they emphasized that while university provides technical knowledge, many students struggle to adapt in real-world settings due to a lack of practical experience and soft skills. The speakers also encouraged students to take on freelance works to gain hands-on experience and improve adaptability, communication, and problem-solving skills that are just as important as technical expertise in the industry.



PRESENTED BY GROUP 3 & 4



Skills Required by Industry

To succeed in today's job market, graduates need practical skills that match industry demands. Employers value programming, cloud computing, and data analysis, along with soft skills like communication, problem-solving, and adaptability. Mastering tools like Git, Docker, and Agile methods bridges the gap between education and real-world expectations. A strong work ethic, teamwork, and continuous learning help professionals stand out. In a fast-changing industry, those who embrace change and take initiative will thrive.



Basic skills required for Computer Science

Students need to understand the basics such as programming, algorithms, data structures, academic problem-solving and team collaboration. They should also know how computer networks and cybersecurity work, and be familiar with databases and software tools. Problem-solving and logical thinking are very important, as these skills help in writing efficient and correct code. These basic skills form the foundation for more advanced learning in the field.

REFLECTION

How you will be successful in the computer science in next four year?

CHE KU MARDIAH BINTI CHE KU
MAHHADI **SX241899ECJHF01**

To stay adaptable in the face of rapidly evolving technologies, I recognize the importance of continuously reskilling and upskilling myself to maintain a competitive edge against artificial intelligence. I am committed to developing critical skills that are difficult or impossible for AI to replicate, such as creativity, emotional intelligence, critical thinking, and complex problem-solving. At the same time, I embrace AI as a collaborative tool which is a copilot that can significantly enhance my productivity. By leveraging AI effectively, I aim to drive revolutionary innovation and contribute to shaping the future of computing in meaningful and transformative ways.

BETTY OLIVIA ONG DANKER
SX240277ECRHS01

To do well in Computer Science over the next four years, I will focus on building both technical and soft skills essential for the field. The presentation "University vs Industry: What Skills Matter" made it clear that having a degree is not enough but practical application is as important. I plan to join projects, internships, and tech communities to gain real-world experience. I will also work on improving my professional communication, teamwork, and problem-solving skills to better prepare for industry demands.

SYAHIDATUL NAJWA BINTI ZAMRI
SX241889ECJHF01

To succeed in computer science over the next four years, I'll learn the basics well, focus on a growing field, and get hands-on practice through projects and internships. I'll keep exploring new technologies, connect with others in the field, and develop both technical and problem-solving skills to stay ready for changes in this fast-moving industry.

NUR FARRAH HA BINTI M WALED
SX241905ECJHF01

To be successful in computer science with my current job as an IT support over the next four years, I will try to build a strong foundation in hardware, software, networking, and cybersecurity. Besides that I will try my best to earn certifications like CompTIA A+ and ITIL to be an expert as a support engineer. At the same time with the current working experience I could develop a strong communication and problem-solving skills to effectively assist users. With a clear goals, by continuing learning through online courses, and a good network with professionals in the field I believe I could grow my career steadily.

UMI IZZATUL NATASHA BINTI MOHD
FADZIL **SX240227ECJHS01**

I plan to focus on web development and UI/UX design. I will strengthen my coding skills by learning front-end and back-end technologies and frameworks. At the same time, I want to understand user experience better by studying design principles and practicing with designing tools. I'll work on personal and freelance projects to build a strong portfolio and gain real-world experience. I also aim to improve my soft skills, like communication and problem-solving, so I can work effectively in a team and adapt to industry needs.

