UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF COMPUTING

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SECP1513 : TECHNOLOGY INFORMATION SYSTEMS

REFLECTION FOR ASSIGNMENT 2
UNIVERSITY VS INDUSTRY : WHAT SKILLS REALLY MATTER

LECTURER: DR NOOR HIDAYAH BINTI ZAKARIA

TEAM MEMBERS:

NAME	MATRIC NO.
AMIR HAMZAH BIN MOHAMED SAFIE	SX230913ECJHS01
MOHD ARIF BIN MOHD TAUFEK	SX230517ECJHS01
AINA IRDINA BINTI ABU BAKAR	SX231695ECJHF01
MUHAMMAD HARIZ ISKANDAR BIN OTHMAN	SX231693ECJHF01

Title: University vs. Industry: What Skills Really Matter?

Group 2 members

No	Picture	Details
1		Name: Amir Hamzah Bin Mohamed Safie Age: 22 years old Hometown: Kulai,Johor Hobby: Playing video games Github: https://github.com/AmirHamzah-byte
2		Name: Mohd Arif bin Mohd Taufek Age: 29 years old Hometown: Terengganu Hobby: Watching Movies Github: https://github.com/ArifTaufek

3		Name: Aina Irdina binti Abu Bakar Age: 23 years old Hometown: Melaka Hobby: Hiking Github: https://github.com/Ainairdina14
4		Name: Muhammad Hariz Iskandar Bin Othman Age: 29 years old Hometown: Johor Bahru Hobby: Cycling Github: https://github.com/HarizIskndar

GENERAL SUMMARY

The talk focused on a question that many students have: how effectively does university prepare us for the real world of work? It started by examining the types of abilities we often acquire while attending university, such as problem-solving, theoretical knowledge, and critical thinking. All of these are quite valuable and provide us with a solid basis for understanding our field.

However, the speaker soon discovered that the real world is somewhat different after they began working in the field. It goes beyond simply knowing theory or how to code. Your ability to apply what you've learned, collaborate with others, and adapt to changes is what matters most.

They made the point that soft skills are equally as crucial in the field as technical ones. Communication, teamwork, time management, and flexibility can all have a significant impact. Companies truly appreciate the capacity to manage your own activities, collaborate with others, and properly communicate your thoughts.

Additionally, the speaker stressed the importance of practical experience. It makes you stand out if you know how to use tools like Git, collaborate with others on projects, and comprehend how software is built in teams.

In a nutshell, we have discovered university gives you the foundation, but to thrive in the industry, you need to keep learning, stay flexible, and grow beyond the classroom. It's a balance of knowledge and real-life skills that really makes a difference.

1. INDIVIDUAL REFLECTION

1. Amir Hamzah Bin Mohamed Safie

From my point of view, in university we have covered a lot of theoretical and foundation in each subject especially in IT.However, the knowledge that students gain during academics is not enough because many IT companies use other tools than we used during university lessons. Also, the soft skills in most students are not enough and need to be sharpened.Therefore, students need to prepare in terms of physical and mental skills before jumping into the working phase**.**

2. Mohd Arif bin Mohd Taufek

In my opinion, university studies provide us with general and comprehensive knowledge, but they do not focus on a specific field. However, when we enter the industry, we need to choose a specific role based on our interests and career goals. In the professional world, we are assigned to specific tasks that require specialized skills. Therefore, it becomes essential to master the skills relevant to our job.

Besides university, we can also acquire these skills through external courses or training programs.

3. Aina Irdina Binti Abu Bakar

Learning about the differences between University and Industry made me realize that while University gives us knowledge and theory, the Industry values practical skills like communication, teamwork and problem-solving. Many of these important skills are not fully taught in class, so it's important for students like me to take extra steps such as joining activities, doing internships, or learning on our own to be better prepared for real work. This topic reminded me that success in the future depends not just on what we learn in lectures, but also on how we apply those skills in real life.

4. Muhammad Hariz Iskandar Bin Othman

All I can see in present and future times, especially in Malaysia, the transition from university to industry learning improves the shifts and patterns from structured, real world problem solving. Meanwhile in university we focus on the theoretical in a controlled environment, where mistakes serve as learning experiences. On the other hand the industry demands adaptability, quick critical thinking and problem solving. Bridging between those two will require us to develop hands on skills and upgrade knowledge also extend beyond academic theories.