

# Reflection on Technology and Information System

## SECP1513

**PC Assemble:** I acquired fundamental skills that are highly applicable to future projects. Through this experience, I successfully identified all the hardware components within a CPU. Despite the initial challenges of assembling and disassembling the system, I collaborated effectively with my team, systematically tackling the complexities of PC components. This hands-on engagement has enhanced my confidence and proficiency in handling hardware components with precision.

**Assignment 1:** The industry talk provided valuable insights into the expectations of ICT professionals, particularly in roles such as UI/UX design, web development, and quality assurance. One key takeaway was the necessity of self-directed learning, as professionals in this field must constantly update their skills to stay relevant. The emphasis on communication, critical thinking, and problem-solving resonated with me, as these skills are not only essential in technical tasks but also in collaborating with cross-functional teams. This session motivated me to take a more proactive approach in acquiring new knowledge through online platforms and practical experiences.

**Assignment 2:** I gained valuable insights into both the external and internal operations of UTMDigital, including its organizational structure. My group and I applied this knowledge effectively by conducting an interview with a UTMDigital staff member. Through this experience, I learned the significance of expressing ideas openly and addressing challenges with confidence. Additionally, I came to appreciate the vital role of teamwork in a corporate environment, as it fosters unity, enhances efficiency, and contributes to a positive workplace culture.

**Assignment 3:** Participating in this session was an eye-opening experience, as it reinforced the importance of balancing technical expertise with soft skills in the computer science field. The industry speakers emphasized programming, database management, and debugging, which strengthened my resolve to continuously improve my technical proficiency. Additionally, the discussion on leadership, teamwork, and adaptability highlighted the significance of interpersonal skills in career success. Moving forward, I plan to refine my coding abilities through hands-on projects while actively engaging in teamwork-oriented activities to enhance my communication and problem-solving skills.

**Assignment 4 (Power BI Workshop):** The Power BI workshop introduced me to the powerful world of data visualization and analytics. Learning how to transform raw data into interactive dashboards and extract meaningful insights was an enriching experience. The hands-on exercises deepened my understanding of how businesses leverage data for decision-making. This workshop also made me appreciate the value of analytical thinking and data-driven strategies in different industries. I now feel more confident in using Power BI and look forward to applying these skills in future academic and professional projects.

**Design Thinking Project:** As part of a five-member team, I contributed to generating ideas for our theme project on Big Data. We chose to interview a café staff member to gain insights into their operational processes, particularly in stock management and food order organization. This project allowed me to collaborate closely with my peers, fostering meaningful connections while deepening my understanding of big data, especially in data organization. Together, we developed a visual demonstration video showcasing our proposal for an updated café ordering system.