FACULTY OF COMPUTING
UTM Johor Bahru

Reflection on PC Assemble (Lab)

Subject	: Technology and Information Systems (SECP 1513)
Section	: 05
Name of Lecturer	: Dr. Azurah A Samah
Date	: 25 OCT 2023
Title	: Reflection on PC Assemble (Lab)

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Comments by Grader:

I never thought of computers as anything more than user interfaces until I attended the PC assembly lab on October 25, 2023. I now see computers as complex systems made up of real, interconnected parts. The detailed instructions offered a priceless practical experience in taking apart and reassembling a computer, helping to solve the puzzle of how it works.

The most notable aspect of this lab was how much I learned about each component in-depth. Every action revealed a new aspect of the computer's architecture, from unplugging the peripherals to carefully handling RAM modules. It was an adventure, similar to discovering the mysteries of a technological marvel.

Throughout the lab, I could feel my excitement rising. I was fascinated by the complexities of hardware, an area that had previously seemed intimidating. Building a computer from the ground up and learning how to disassemble and reassemble it gave me a lot of confidence and a sincere desire to know how these devices operate.

A vision of myself becoming a cool software engineer with a deep understanding of hardware emerged as I worked my way through the steps of disassembly and reassembly. Software and hardware started to work together in a more harmonious way, highlighting the comprehensive knowledge needed to maximize computer performance. The lab acted as a spark, inspiring a desire to close the gap in the computing industry between the virtual and the physical.

It is exciting to think about applying the knowledge acquired in the future. With a fresh understanding of hardware and software, I can now easily integrate software solutions with a thorough understanding of the underlying hardware architecture thanks to the lab.

During this lab, a specific goal I had was to build my own PC. I get excited at the idea of carefully selecting parts, precisely assembling them, and customizing the system to satisfy unique needs. After this encounter, a journey to actively reshape technology to fit personal needs and preferences began.

To sum up, this PC assembly lab was more than just a lesson; it was a life-changing opportunity that stoked a love of technology. There is an obvious route ahead: to learn more about computer science, to keep learning and growing, and to eventually become a software engineer who can combine software creativity with an in-depth understanding of hardware details. The journey is far from over, with countless opportunities ahead of us.

Pictures taken in the lab