Course : **Technology and Information Systems**
Course Code : **SECP 1513**
Activity : **PC Assembly**
Section : **…………………**
Lecturer Name : **Puan Halinawati**
Group name : **Muhammad Amsyar Bin Mohd Azmi**

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This sheet should be filled in your group.

You should fill in the step numbers and the activities for each step. Once you have completed the steps, put a ✅ in the final column (for done). Once you have completed all the steps and put the check mark. Find a technician in the lab to check that you have completed all the steps correctly.

Step number	Activity	Done ✅
1	Prepare the Case: • Place the case on a stable surface and install standoffs if required.	✅
2	Install CPU: • Align the CPU with the socket, lower the lever, and secure it in place.	✅
3	Apply Thermal Paste: • If using an aftermarket cooler, apply thermal paste following the manufacturer's instructions.	✅
4	Install RAM: • Align the notches on the RAM with the slots on the motherboard and press down until they click.	✅
5	Install Motherboard: • Place the motherboard on the standoffs, align screw holes, and secure it with screws.	✅
6	Connect Power Supply: • Connect power cables to the motherboard, CPU, GPU, and other components.	✅
7	Connect Data Cables: • Connect SATA cables to storage drives and other data cables as needed.	✅
8	Install Expansion Cards: • Insert GPU, sound cards, and other expansion cards into their respective slots.	✅

9	Connect Front Panel Cables: • Connect power button, reset button, and front panel audio/USB connectors to the motherboard.	☑
10	Cable Management: • Organize and secure cables using cable ties for better airflow and aesthetics.	☑
11	Install Storage Drives: • Secure hard drives, SSDs, and other storage devices in the drive bays.	☑
12	Close the Case: • Secure the side panel with screws.	☑
13	Power On: • Connect peripherals, plug in power sources, and turn on the computer.	☑