

# NEWSLETTER

## PETRONAS

17 NOVEMBER 2023



## SUMMARY

After the visit, we can conclude that PETRONAS is a massive corporation. When they want to expand their business, they must deal with companies from all over the world. As a result, they require expertise in the fields of technology and information systems to help them achieve their goals and meet the expectations of their clients. For example, they require an expert department as well as extremely high connectivity between them in order to transfer data from Terengganu to their headquarters in Kuala Lumpur. Furthermore, as Mr. Roman (Petronas' Head of Software Engineering) stated, the computer science sector is constantly developing, therefore we must keep up with the trend.



## TECHNOLOGIES & ISSUES

Petronas Technologies uses facial recognition technology to identify the presence of its workers. Therefore, it is quite difficult for the employee to falsify their attendance when they have that.

The problem that Petronas is facing is that not only does their organization lack Artificial Intelligence (AI) experts, but Malaysia does as well. This is due to the fact that, although artificial intelligence (AI) products are usually hard to build, but human labor may be completed much more quickly and efficiently when assisted by AI. Thus, the necessity for AI job will be increasing in these days.

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## REFLECTION

We are aware of how Petronas innovates and advances technology to boost the economy and generate employment. Therefore, we realize that we as a student must never stop learning through the process so that we can improve ourselves more in terms of communication skills, analytical thinking and problem-solving skills, and productivity skills. By having all those skills, we can make our country's economy stable and fly higher, especially in the oil and gas industry.

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## HUAWEI



### SUMMARY

We may conclude from the visit that Huawei always stays updated of technological advancements. This is evident from their innovation center, where a wide range of technological goods designed are created to make our lives easier. For instance, they provide automatic fruit and vegetable scanning that displays the item's weight and cost. Apart from that, they always build their products by listening to the issues that their clients face. To ensure that their products fit the needs, they would be in constant communication with their consumers. Considering their team consistently produces the best products, they will always be the customers' preference.

### TECHNOLOGIES & ISSUES

At first, we only know that Huawei is just a company that sells phone and laptop devices. However, as we step our foot in their showroom. They have a lot of other technology devices and tools such as EV chargers, switches, routers, smart whiteboard classrooms, Wi-Fi extenders, and smart vending machines that can prevent customers from running away without paying the cashier.

The issue that Huawei has faced is intense competition in various markets such as Oppo, Apple, and Samsung especially in the smartphone and telecommunications equipment sectors. Competing with other major technology companies requires continuous innovation and adaptation to market trends.

**BUILDING A  
FULLY CONNECTED,  
INTELLIGENT WORLD**



### REFLECTION

The Huawei Innovation Centre has inspired us to continuously advance technology in order to simplify our lives in the future. We came to the realization that there were many areas in which we needed to grow, including our ability of critical thinking and problem-solving, particularly given the rapid advancement of technology in our field of study. When we enter the business world, these abilities will come in handy since we will need to meet the demands of our clients and provide superior solutions for our goods.



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