Tech-Driven Innovation: I-Farm

image from: slides during the talk

NEWSLETTER

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background image from: canva

Summary

The talk introduces us I-Farm which is one of the latest innovation where users can choose to buy fresh vegetables through I-Farm or plant their own vegetables. I-Farm can help to improve food security by providing fresh and pesticide free vegetables.

The application of I-Farm can also aid in lowering transportation-related carbon emissions which demonstrate its environmental friendliness. This I-Farm also takes up significantly less land space. Moreover, this farm is completely enclosed and has a climate-controlled environment, so it is likely unaffected by adverse weather conditions. This means that it is not dependent on the weather.

image from: slides during the talk

Technologies and issues discussed in the talk.

Technology discussed in the talk is I-farm. I-farm offers a variety of fresh vegetables to residents within their doorsteps by using e-commerce marketplace. People can direct control or direct monitor their plants in I-farm. User can choose the area of the plant and see what kind of plants is being planted in the farming rack. Then, they can choose whether they want to buy the ready vegetables or they want to plant their own vegetables.

I-farm use vertical farming which uses farming rack. Farming rack can be used in anywhere. Vertical farming can yield more crops compared to the traditional farming.

I-farm use IOT and Alibaba Cloud Services to run all the machine learning. All the data of the different species of vegetables will be recorded and monitored.

I-farm also study customer's preference using big data analysis.

Group members:

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image from: https://www.newshubasia.com/living/vertical-farming-the-future-of-farming/

Reflection: What is the information did you gain from this talk and how the innovation helps human life in particular aspect?

Benjamin Chew Jun Jie

I gain some insights from I-Farm which was introduced in this talk about how emerging technology can aid in agriculture and commercial activities. I-FARM is able to reduce food wastage, simplify process of buying groceries and also provide fresh vegetables to consumers. From this example, I found that new technology can aid human life in various aspects such as industry, business and also daily-life activities.

Shajannatul Iman Bt Abdul Majid

The information that I have gained from this talk is that it points to I-Farm's innovation as a technological approach to address societal issues to food production. This innovation has helps human life by providing fresh vegetables to the consumers and indirectly improve the consumers health at the same time

Chuah Hui Wen

The information i gained from this talk is the benefits of implanting IOT and cloud service into agriculture industry. Innovation helps human life to be easier, humans no longer needs to go out to market to buy vegetables, they can just buy fresh vegetable online through I-Farm. Innovation helps human to save time and energy.

Faisal Abdulhakim Khaled Bakouban

I was able to learn about the history and importance of technology within our society, technology has allowed us to solve and traverse very challenging problems.

Rifqi Ahmad Musyaffa

I-Farm is a concept that lets people able to order fresh vegetables nearby in every residential area, letting people farm and purchase the vegetable they choose. With I-Farm, people can grow and collect vegetables without worrying about its freshness, and parents can teach their children how plants grow by going to an I-Farm, as they plan to be in every residential area.

image from: canva

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