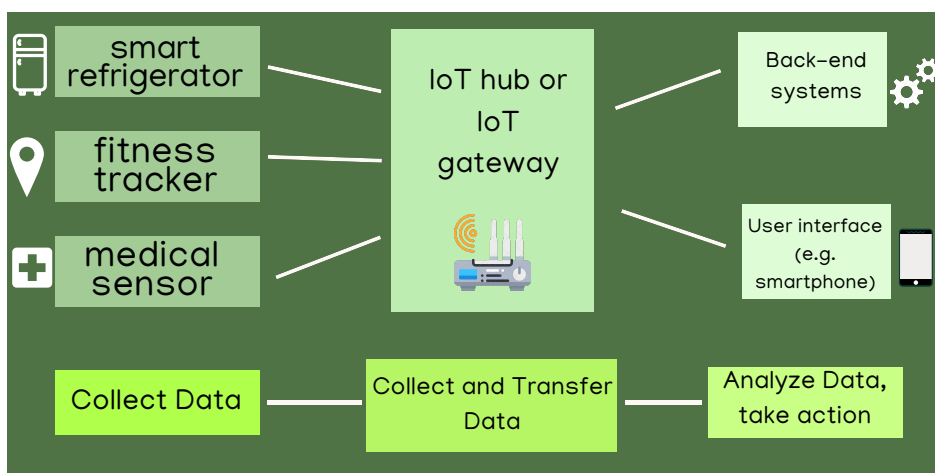


INDUSTRIAL REVOLUTION

INTERNET OF THINGS

Devices that have an embedded system and has a unique IP address that connected and exchange data with other devices over the Internet without requiring human-to-human or human-to-computer interaction



IoT SYSTEM

- Smart home hubs (e.g. that control lighting, home heating and cooling)
- Smart assistant (Amazon Alexa and Apple's Siri)

EXAMPLE



- ### BENEFITS
- Managing and monitoring the state of the house
 - Minimize the use of electricity
 - Saving money
 - Optimising the home security
 - Reducing negative impact on the environment

IoT contributes positive impacts on our lives especially in the aspect of energy consumption. Household appliances with high energy usage will change depending on dynamic pricing signals. Moreover, IoT devices (e.g. smart lighting) manage specific settings to produce the best possible environment based on the home owner's daily routine. Owing to the prohibitively high cost of IoT products, IoT systems are not widely used in Malaysian society today. Without fear of contradiction, it can be said that the IoT system is one of the remarkable inventions for human beings. Thus, it is hoped that IoT systems could be implemented wider in our country one day later.

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