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MIS 2502

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December 5, 2021

In “What Is the Internet of Things, and How Does It Work” by Jen Clark, the Internet of Things is described as a concept or a field of study that involves the connecting of devices to the internet and other devices. This creates a network that allows people to share and collect information (Clark 2020). The type of data collected involves how devices are used and the device’s environment, which can then be tailored to individuals (Clark 2020). The Internet of Things works by having devices with built-in sensors collect data and send them to an IoT platform (Clark 2020). The platform will sort through to find relevant information to identify patterns, potential issues and make suggestions (Clark 2020). The goal of the Internet of Things is to allow us to make informed decisions with real-time data and increase efficiency (Clark 2020).

The internet of things relates to MIS 2502 as data would have to be organized and collected into a database for it to be useful. The data and information that gets collected don’t mean anything unless it can be analyzed using proper methods or found and accessed easily (Clark 2020). Also, instead of manually using a machine language to search for relevant information, the IoT would do that on its own and help assess what will and should happen next as data mining does with clustering and decision trees, which only uses relevant information. With being connected to so many devices that are collecting tons of data, we can see pretty accurate analyses (Clark 2020).

An example of the Internet of things, as explained by Clark, is a scenario where you get up with an alarm clock at a set time every day for work and you take the train to get there (2020). Imagine that your train gets canceled, so you must drive but the issue is driving takes longer than the train ride (Clark 2020). It also happens to be raining that day, so you’d have to drive slower (Clark 2020). An IoT-enabled alarm clock would take into consideration these factors and go off at an earlier time (Clark 2020). The device would learn your train was canceled, calculate the distance driving, factor in the weather, and woke you up accordingly (Clark 2020).

Works Cited

Clark, J. (2020, August 28). *What is the internet of things, and how does it work?* IBM Business Operations Blog. Retrieved December 6, 2021, from https://www.ibm.com/blogs/internet-of-things/what-is-the-iot/.