

Smart cities



Smart cities @ 2015 GCN

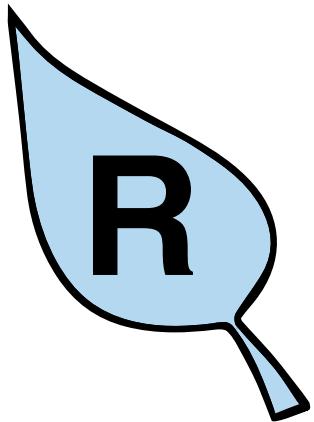
Domain explanation: A smart city is a collection of homes, buildings and devices that are all sharing or using data from same information grid. The city uses all the information gathered to improve quality and performance of urban services. For instance: a traffic camera noticing heavy traffic can tell the buses to take another route. In a smart city there are enormous amounts of data flowing over networks and being stored, which can bring potential privacy issues.

Location Sharing

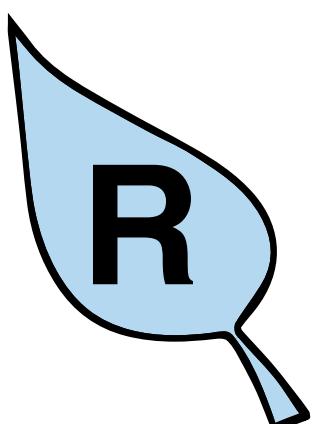


Location sharing @2017 Cyber Pshyche

Domain explanation: More and more applications and devices are embedding location into their services. This information can be used to give improved service to the user, such as automatically filling in the closest bus-stop, but also be exploited, abused and sold to e.g. give targeted ads. Sharing your location with “friends” can be valuable at times, but can also be misused by thieves.

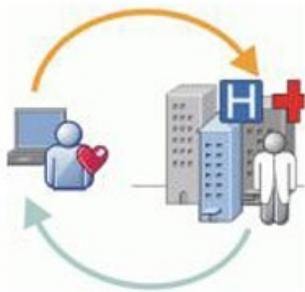


Reality Card



Reality Card

Health devices



Health devices © Ferret 2013

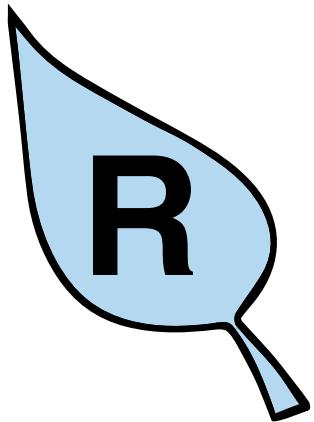
Domain explanation: Health devices are becoming more popular. These devices tracks health data. Fields such as health care and insurance are interested in this sort of data. It can improve their services, but it could also be used to decide insurance prices. The data tracked is very personal and is something one might not want to share to everybody.

Activity trackers

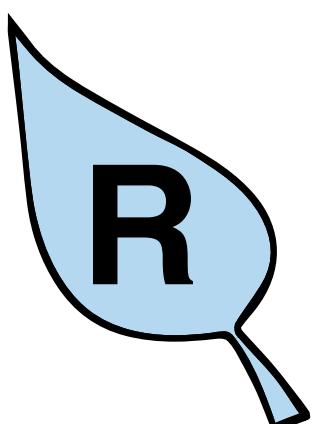


Activity trackers © 2015 BuzzFeed

Domain explanation: Tracking activity to improve health has become increasingly popular. Activity trackers often consists of a wearable component and an app. Or just an app using the phone for sensors. Some of the apps shares the training data in real time. This mean that information such as your position can be shared while you are out running.



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Social media

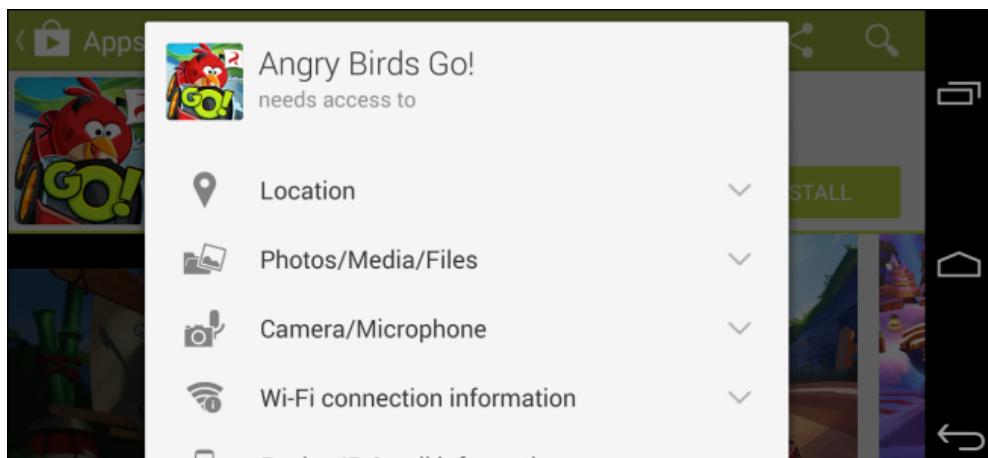


Social media @2017 softloom

Domain explanation: Social media have opened up communication for people across the world, it enables us to share our life and thoughts with friends and family. We often share photos, videos and personal information to social networks without considering the consequences, as both companies and people may exploit the data.

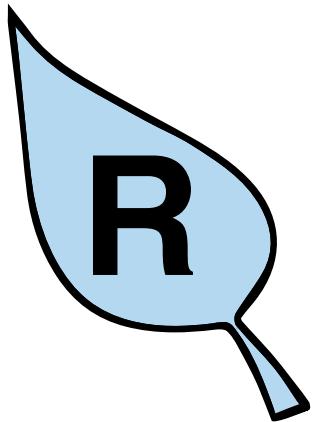


Mobile app permissions

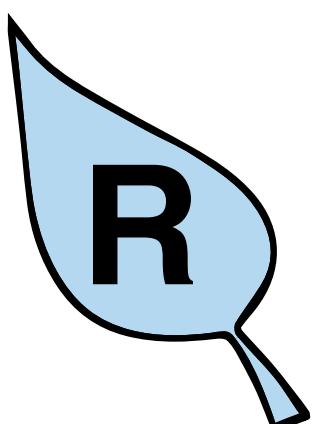


Mobile app permissions @2014 How-to-geek

Domain explanation: Many mobile applications are “overprivileged”. Meaning that they have access to more information on the device than they need. Why did Pokemon Go need access to your Contacts and Photos? Applications with access to too much information can abuse this, and depending on their Terms and Services sell your information to third parties.



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Loyalty programs



Æ © 2017 Rema 1000

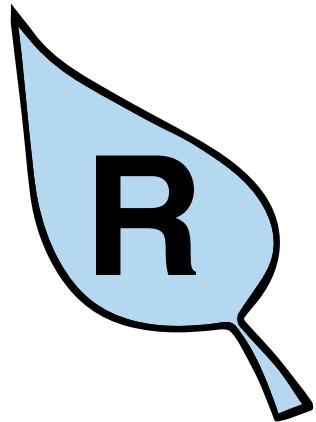
Domain explanation: Loyalty programs gives the customer personalized discounts. In return for these discounts the customer gives up a lot of data about themselves. Information of what items they buy, when, how often, how much are some examples of this. This information can be used to improve the business but it can also tell a lot about a person.

Awareness



The McDonald's Game © 2006 Molleindustria

Domain explanation: Awareness is about making informed and thoughtful decisions. A game that aims to raise awareness or change the attitude attempts to make the player more aware about the decisions they make related to a certain topic. That topic may be a major world problem or an everyday issue. An example is The McDonald's Game which raises awareness about the flaws of the fast-food industry.



Reality Card



Meaning Card

Augmented reality 🍁



Pokemon Go © 2017 Digital Trends

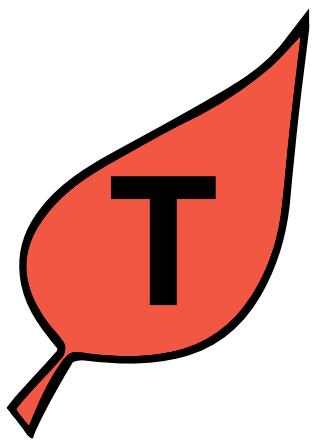
Medium explanation: By using a camera or other similar sensors it is possible to anchor digital objects in the real physical world. Examples are Pokemon Go, or even Microsoft Hololens.

Computer 🍁

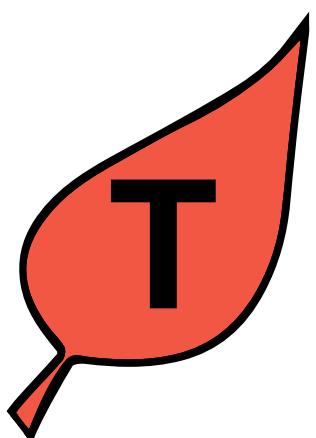


Computer games © 2017 Life Wire

Medium explanation: The typical computer games require input from mouse and/or keyboard. They can be complex or simple, and available in the web-browser or directly on the computer itself.



Technology Card



Technology Card

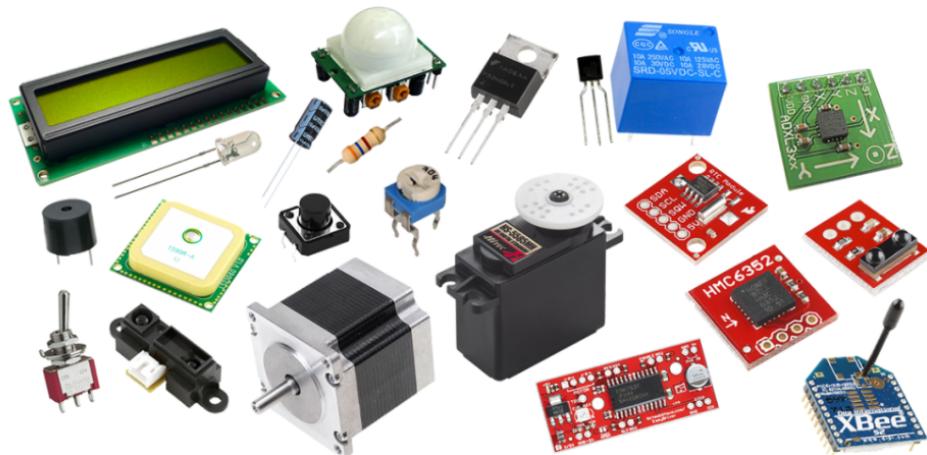
Console



Consoles © 2017 Smartronic

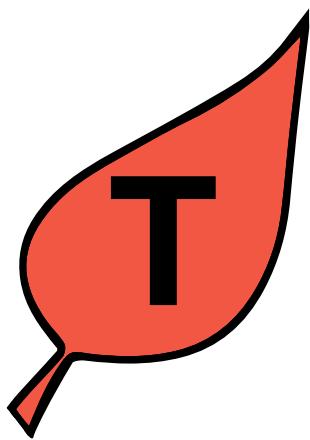
Medium explanation: Games on gaming-consoles are typically played with a hand held controller. They can be complex or simple, and often involves a lot of action.

Interactive Devices

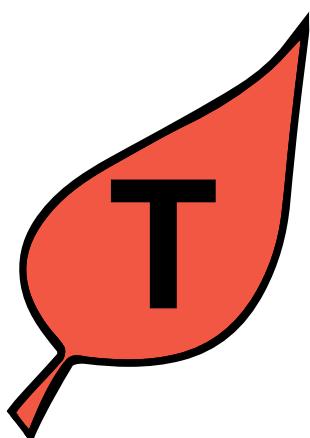


Interactive Devices ©2017 codebender's blog

Medium explanation: By using sensors, actuators (a device that converts energy into motion), and the Internet anything can become a video-game! An Arduino connected to a moisture sensor can make watering the plants a game. The opportunities are endless.



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Interactive Surfaces ↗



Interactive Devices © 2012 Disney Research

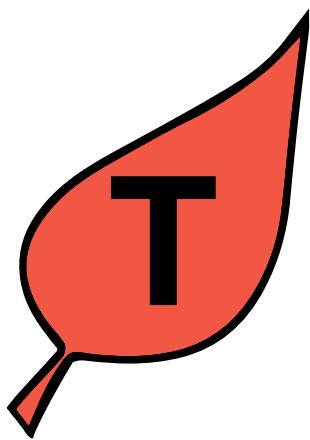
Medium explanation: By using screens, sensors, and the Internet any surface can become a video-game! An ordinary board-game can be transformed into a new digital one with many more opportunities.

Mobile ↗

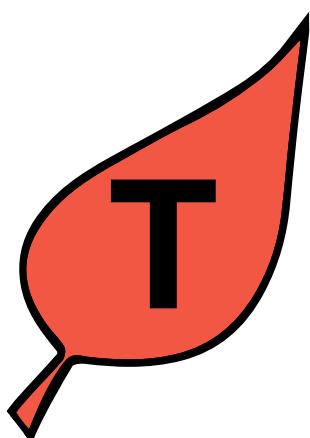


Mobile games © 2016 Mobile shop

Medium explanation: With “everyone” owning a smart phone, it is also natural to play games on it. Mobile games are typically simple but addicting games with the possibility to play whenever wherever.



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Virtual Reality 🍀



Tamagotchi © 2005 Tomasz Sienicki

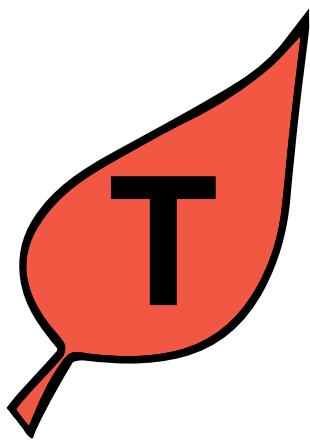
Medium explanation: A device that can use buttons, sensors or other forms of input. The device is not connected to anything.

Own Devices 🍀

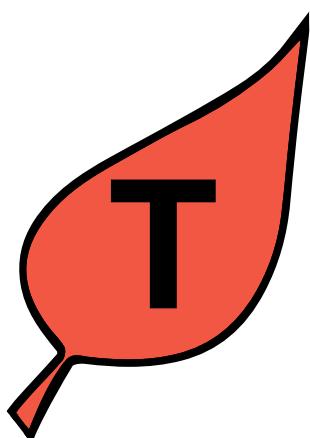


Tamagotchi © 2005 Tomasz Sienicki

Medium explanation: A device that can use buttons, sensors or other forms of input. The device is not connected to anything.



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change to a combination of tamagotci, guitar hero, nintendo labo, and joystic