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Internet Of Things Simply

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Chapter 1

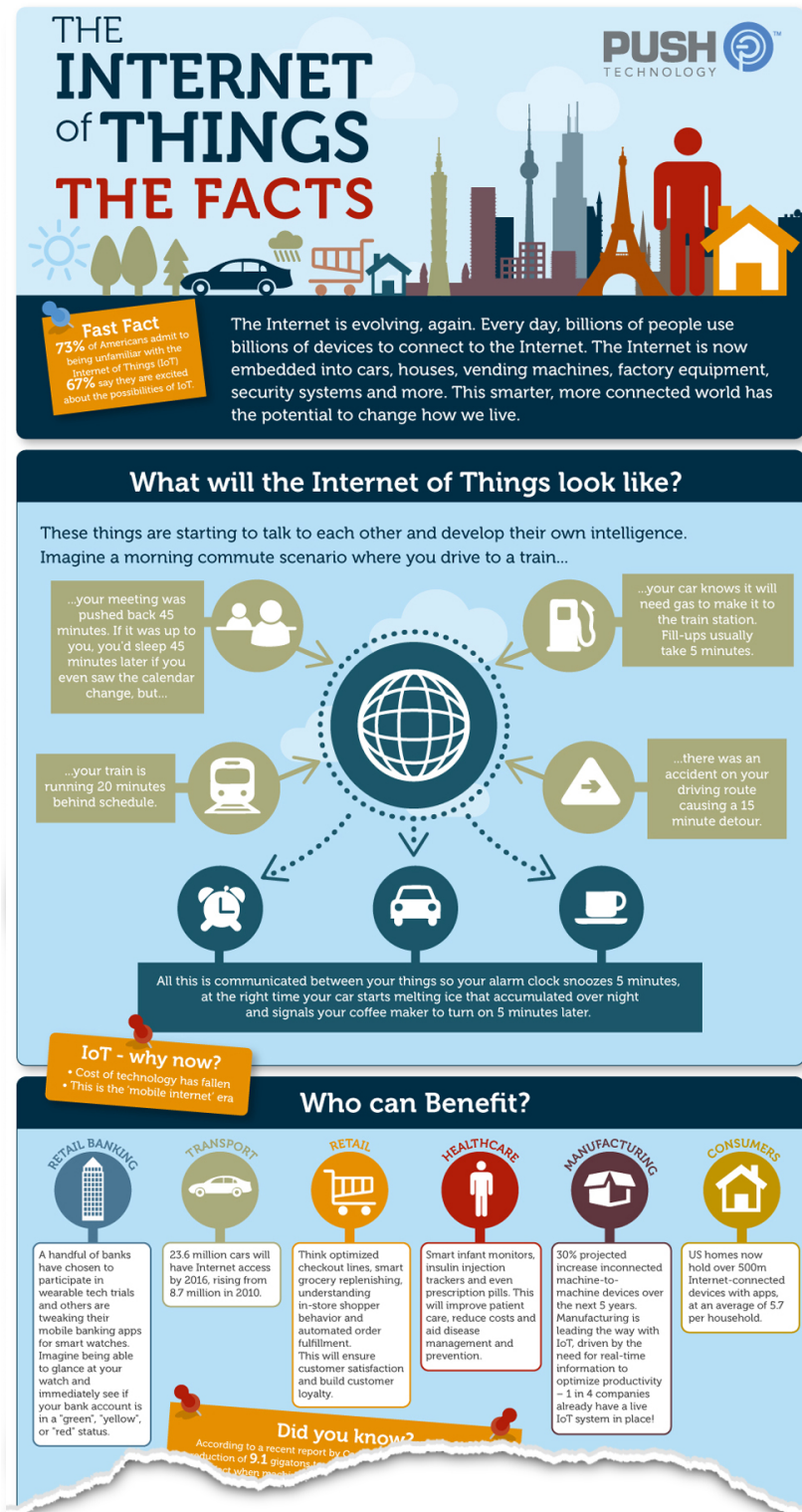
Introduction

My name is Mohammed Elhossiny and we will talk about INTERNET OF THINGS in this book. IOT: New Term,

Means the new generation of the Internet, which allows understanding between devices interconnected with each (VoIP). These include hardware tools and sensors and sensors and the various tools of artificial intelligence and others. This definition goes beyond the traditional concept and which continues to persons with computers and smartphones through a single global network and through traditional Internet Protocol. What distinguishes the Internet of things it allows for a person to be free from the place, that any person can control the tools without having to be in a specific place to deal with a particular device. We will discuss about the history, applications, in-

teract technology, humanity with Internet of things and other interesting subjects.

hope to be useful to you
let's start...



Chapter 2

History

It is known that the evolution of the Internet has been in stages.

Since World War II until the early nineties of the twentieth century was the uses of network for just military applications, specifically the US Army.

Then there was the strategic decision to open the door to use civilian applications in the late eighties and nineties of the twentieth first century.

And recognize a lot of the military they did not expect enormous Spread of the Internet and its services in the world, also did not expect that affects the use of all walks of life applications.

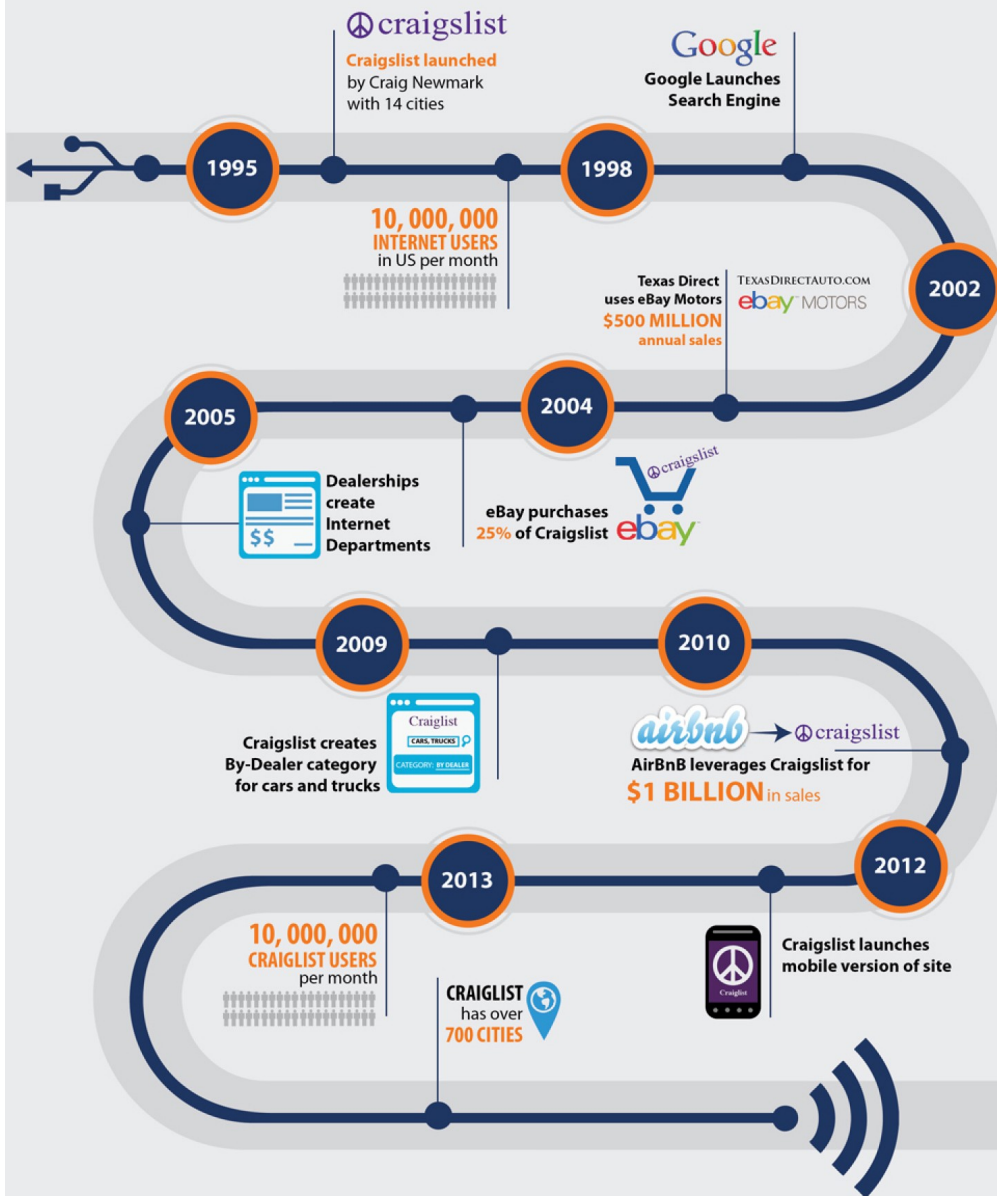
With the spread of cellular technology or mobile new form of technology, to exceed force of 100 per cent in many countries of the world, and the emergence of mobile technology tablet PCs and smart handheld and generations of data transfer over the phone services such as 2G, 3G, 4G, open the floodgates the expansion of the phenomenon of social networking-mail (in both audio and visual), all of that has led to the emergence of the third generation of the Internet, a generation Semantic web (semantic web).

This refers to the availability of Internet tools, such as search engines, means building links between the concepts and the significance of vocabulary, to convert unstructured data into structured or semi-structured data easier to use and manipulate.

In parallel, the expansion in the use of smart equipment and supplied technologies Palmstharat algorithms and programming simple and effective devices that operate global positioning system event (GPS) and sensor technology for near and remote and connect wired and wireless, and this is what sparked great enthusiasm among individuals and institutions to take advantage of these services.

Which enabled the emergence of the phenomenon of communication and online communication between devices each other, and this is required.

Internet Timeline:



Chapter 3

APPLICATIONS

Chapter 4

TECHNOLOGIES AND IOT

Chapter 5

YOU AND IOT

