

Technology & Society

1972 - BBN's Ray Tomlinson introduces network email. The

In 1972 network Emailing was created. Email is probably and still is one of the biggest forms of communication on the internet, no matter if it's for business or personal reasons. Emailing was so beneficial to people that this use of the internet started to spread and siphon up more people to use it. This part of the web was so consistent because of how cheap and fast it was to manage it. Instead of waiting for mail that could take up to days, virtual mail could be sent in seconds. Another thing is that email is accessible anywhere; you would just need to have an internet connection, of course. The creation of Emailing in 1972 was definitely beneficial to people communication wise. The development of emailing could've popped up, because of the inconsistency and lack of actual in person mailing; it was slower, it took more work to send a message, and you couldn't do it from your house. These are all things that could have benefited from the creation and development of Email. Plus it was an environmental bonus because it was paperless mailing.

1991-CERN introduces the World Wide Web to the public.

What is WWW? In 1991 the World Wide Web was presented to the public. The WWW was so instrumental in society because it allowed easy access to information that you needed, social sites, chatting sites, and sharing information. Before the WWW the initial idea was to make information pages in "HTML" that later became the World Wide Web. Tim Berner Lee who created the WWW, wanted to connect the internet and the web together, which transformed data sharing. Tim created this by using the Hypertext Transfer Protocol, Uniform Resource Identifier, and Hypertext Markup Language. When he created the Web he wanted everyone to have access to it, so he then made it free. As you could guess this improved many lives, because the web was free and accessible to anyone who had the tech to use the Web, and it was a way of sharing and obtaining information through the internet. This made a huge positive impact for people to get all of this information just sitting at home or on a computer; it didn't take much time at all either. Some events that could've led up to this creation were the complicity of what was already on the internet before, Tim made a new way to manage it for others.

2010: Facebook reaches 400 million active users.

Now we're going to get into privacy. With Facebook reaching 400 million active users in 2010, privacy concerns are bound to happen. Have you ever heard of tracking or ad tracking? Well, if you didn't know social media apps today and some years actually track your taps and clicks on your phone. A lot of these things can happen on different media, for example Facebook. If you've ever searched for some new boots or cat food on your phone and on your Facebook feed, and you keep seeing ads about boots or cats, it's because what you click on your phone can affect the type of content that's recommended to you. This can sometimes be positive, but negative as well. When you're seeing only things that you're interested in you're being blinded by other things that go on in social media, and vice versa. When you are more open to a variety of content things tend to not be of your interest. This is a privacy concern, because your phone is supposed to hold things just for you, but that's a problem when your website searches are being freely used. Facebook reaching 400 million users in 2010 doesn't necessarily improve people's lives. But it does have an impact on social media and the content we view and post, more users, more money, more feeds.

1983: The Domain Name System (DNS)

The creation of website domains commenced in 1983. Website domains are important because it makes website links shorter and easier to remember, for you to revisit them later. Not only that, but a lot of the times domains added reliability to that site that you could easily come back to. So, did this creation in 1983 improve people's lives? Easy answer, yes it did. Without this musing creation, it would be harder for people to track what websites they were on, meaning they would have a hard time going back to the website. These websites could also be important, so it would be a shame to lose them. Which could actually be a reason as to why this creation was made in the first place. Losing access to important websites and having trouble finding it negatively affects you in so many ways. Imagine a world in the developed internet trying to look through so many websites to find the correct one.

2009: The internet marks its 40th anniversary.

In 2009, the internet marked its 40th anniversary. Meaning more environmental, social, and human behavioral impact. These all are negatives of the internet being around for so long, let me explain why. As I go back to my earlier point about how the internet was helping damaging people's brain, we realize that the internet only develops more and more, this adds on the the impairing of the brain, as we move along further into future generations we have more technology that distracts us from what we need to do, for example class work. When we're in class were supposed to only be focused on school work, but we get easily distracted from our computers and phones that easily diminishes the brain. The social impact of this is that we're so stuck and busy in our lives inside of a piece of tech that we forget to tap into our real lives, or socialize with people in person. But said in previous statements technology doesn't have to always be bad. In a Newsela article "<https://newsela.com/read/teen-baby-saver-invention/id/2001013093/>" a baby was left in a hot vehicle for hours which the baby then died, resulting in a teen creating a device that tracks the heat of the car and can alert when it's too hot. This baby saver device did indeed improve the lives of people, because it saves lives. Events that obviously led to this creation were the death of a baby because they were left unintended, and to prevent this from happening again this device was created. And this is the impact that technology has had on society as a whole.

2021: By January 2021, there are 4.66 billion people connected to the internet. This is more than half of the global population.

Finally, by January 2021, there will be 4.66 billion people connected to the internet, but have you ever wondered how the internet actually worked? Well, if you have not, let me tell you. First, we need to understand that the internet is world-wide. The internet circulates all kinds of data and information across devices around the world. Packets of routing networks send data through a ton of routes; the packet usually goes to the route that's more fit for where the packet is supposed to be. If a packet faults then it will resend the information and continue to do so. If a packet is lost it usually results in a slow network connection or none, because the device doesn't pick that lost packet up.