

ADDIS ABABA UNIVERSITY

ADDIS ABABA INSTITUTE OF TECHNOLOGY

CENTER OF INFORMATION TECHNOLOGY AND

SCIENTIFIC COMPUTING

**Internet History and Website**

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History of Internet

Internet is the largest wide area network, since it’s a massive network of network. It is the infrastructure that allow connect billions of computers and other electronic devices, and it’s an increasingly important part of everyday life for people around the world. The internet has revolutionized the computer and communications world like nothing before.

In the early days of computing technology, computers were seen as a device for making calculations and to store data’s and they were used to accelerate business process. However as the technological advancement increase (computing device increase) it leads to for the invention of Internet to connect one computing device to the other.

The first workable prototype of the internet came in the late 1960’s with the creation of ARPANET (Advanced Research Projects Agency Network. Originally funded by the U.S Department of Defense. ARPANET used packet switching to allow multiple computers to communicate on a single network. On October 1969 ARPANET delivered its first message from one computer to another which is “a node to node” communication. Even though there is a communication between them, the first message wasn’t set successfully to destination, only the first two letters delivered.

The technology continued grow, In the 1970’s Robert Kahn and Vinton Cerf developed Transmission control protocol (TCP) and Internet protocol (IP) , which is a communication model that set a standards for how data could be transmitted between multiple networks.

The online world took a more recognizable form when Tim Berners-Lee invented the World Wide Web. The web helped popularized the internet across the globe.

Most Popular Websites

1. Amazon :
2. Twitter :
3. YouTube :
4. Wikipedia:
5. Instagram:

Categories of websites

1. Educational website: those websites have videos, topic related resources that act as tools to enhance learning and supplement class room teaching process.

Example:

Name URL

* Coursera <https://www.coursera.org/>
* Stack over flow ` <https://stackoverflow.com/>
* Quora <https://www.quora.com/>
* Udemy <https://www.udemy.com/>
* Udacity <https://www.udacity.com/>

1. News: those type of websites delivered different types of news on each type for online users across the world through their website.

Example:

Name URL

* ABC news <https://abcnews.go.com/>
* The Guardian <https://www.theguardian.com/>
* Forbes <https://www.forbes.com/>
* Hollywood reporter <https://www.hollywoodreporter.com/>
* Daily sun <https://www.dailysun.co.za/>

1. Social Network : it’s the use of internet based social media websites to stay connected with friends , family , colleagues etc… and also it used for mainly sharing different videos , files , and pictures , while some others for searching jobs.

Example:

Name URL

* LinkedIn <https://www.linkedin.com/>
* Instagram <https://www.instagram.com/>
* Tik Tok <https://www.tiktok.com/en/>
* Skype <https://www.skype.com/en/>
* Twitter <https://twitter.com/>

1. Personal website: This website basically used for describe personal information simply as Curriculum vitae. And also sometimes used to promote something for business activity.

Example:

Name URL

* Anthony Wiktor <https://www.anthonydesigner.com/>
* Gary Sheng <http://www.garysheng.com/>
* Tony D <http://tonydorio.com/>
* Gray <https://www.cgpgrey.com/>
* Grant <http://grantbaldwin.com/>

1. Portals: Web Portals represents websites that bring many web resources together and offer forums, emails, search engines, etc. They are also used as an internal tool at universities or companies as they are perfect for keeping all important information in one place.

Example:

Name URL

* AAU <https://portal.aau.edu.et/>
* UAB patient portal <https://www.uabmedicine.org/>
* Marines <https://www.marines.com/>
* Stanford university <https://axess.sahr.stanford.edu/>
* AutoZone <https://www.autozone.com/>

1. Business/Marketing: In those sites offering goods and services sale and enabling online transactions for such sales, or by selling advertisement, even simply by providing any service that generate a revenue or cash flow.

Example:

Name URL

* eBay <https://play.google.com/>
* Fiverr <https://www.fiverr.com/>
* Like2Buy <https://www.curalate.com/>
* Pinterest <https://business.pinterest.com/>
* Alibaba <https://www.alibaba.com/>

1. Blog: This website provide platform like, to share your experience and knowledge with internet users. On the internet, and also, it’s like an online personality prototype of the owner of the blog.

Example:

Name URL

* Blogger <https://www.blogger.com/>
* WordPress <https://wordpress.com/>
* Tumblr <https://www.tumblr.com/>
* Weebly <https://www.weebly.com/>
* Blogster <http://www.www.blogster.com/>

1. Informational: This website offer known facts, statics for different event that happened in the world, ideas regarding about the current, even for the future and more… sometimes those websites provide a procedure for a certain work that we want.

Example:

Name URL

* Information is beautiful <https://informationisbeautiful.net/>
* How staff works <https://www.howstuffworks.com/>
* Cooking for Engineers <http://www.cookingforengineers.com/>
* Mind Tools <https://www.mindtools.com/>
* Mashable <https://mashable.com/>

1. Entertainment: These websites showcase entertaining information for visitors. Online magazines, gossip oriented websites, celebrity news, sports coverage, movies, the arts, humorous websites, etc. These websites are designed to be easy to navigate and frequently updated in order to keep users coming back for more information. They can be made more engaging by using dynamic content, such as videos, podcasts, slideshows, etc.

Example:

Name URL

* Eonline <https://www.eonline.com/ap>
* just for fun <https://9gag.com/>
* Netflix <https://www.netflix.com/et/>
* Imdb <https://www.imdb.com/>
* YouTube <https://www.youtube.com/>

1. Wiki: wiki is a type of website, it’s website content area, or the software used to operate and maintain it, where users of the site can collaboratively edit, structure, and provide new content for the site. This is in contrast to most types of websites, which only show content provided by the website’s operators, or may allow each user to provide content that only its author can edit.

Example:

Name URL

* Wiki books <https://en.wikibooks.org/wiki/Main_Page>
* Wikipedia <https://www.wikipedia.org/>
* Gamepedia <https://www.gamepedia.com/>
* Strangerthings <https://strangerthings.fandom.com/>
* Bassbell reference <https://www.baseball-reference.com/>

1. Advocacy: An Advocacy website is a website that people make to try to get people to see their opinion on certain subjects. Or it’s an activity by an individual or group that aims to influence decisions within political, economic, social systems, institutions. Advocacy includes activities and publications to influence public policy, laws and budgets by using facts, their relationships, the media, and messaging to educate government officials and the public.

Example:

Name URL

* Speak out <https://www.speakoutnow.org/>
* Asista <https://asistahelp.org/>