

ADDIS ABABA UNIVERSITY

ADDIS ABABA INSTITUTE OF TECHNOLOGY

CENTER OF INFORMATION TECHNOLOGY

AND SCIENTIFIC COMPUTING

Prepared by: - Elda Girma

Submitted to : Fitsum A.

March 2020

Contents

[1 The evolution of internet 3](#_Toc34314144)

[2 List 5 website each on the 12 categories you learned 4](#_Toc34314145)

[2.1 portal 4](#_Toc34314146)

[2.2 News 5](#_Toc34314147)

[2.3 Informational 5](#_Toc34314148)

[2.4 Business/marketing 5](#_Toc34314149)

[2.5 Educational 6](#_Toc34314150)

[2.6 Entertainment 6](#_Toc34314151)

[2.7 Advocacy 6](#_Toc34314152)

[2.8 Blog 6](#_Toc34314153)

[2.9 Wiki 7](#_Toc34314154)

[2.10 Social network 7](#_Toc34314155)

[2.11 Content aggregator 8](#_Toc34314156)

[2.12 Personal 8](#_Toc34314157)

[3 What are the guidelines for evaluating the value of a web site? 8](#_Toc34314158)

[3.1 Evaluate 2-5 websites based on the guideline and put your judgment 8](#_Toc34314159)

[4 Resources 9](#_Toc34314160)

# The evolution of internet

-Internet is the network of networks. The original Internet’s plan was not to be centralized. it was a project by the **US department of defense** to establish a computer data communications network that could withstand unforeseen events and disasters like war. Therefore it must be decentralized so that if one part of the system fails the rest can still function. It must also be able to communicate using peer to peer interconnectivity without relying on a single computer.

It all started with Advanced Research Projects Agency Network (**ARPANET)** in October, 1969 when the first successful message was sent from a computer in UCLA to another computer (also called node) at the Stanford Research Institute. In the beginning ARPANET benefited not just the military but also research institutes, so it had its origins in the academic community though it was a military project. Then eventually this system slowly evolved / adopted for commercial use. And also it was adopted by universities and research institutes in the early 1980’s through an initiative by the NSF (National Science Foundation). It was called the NSFNET Project and its aim was to promote research and education.

Eventually ARPANET and NSFNET would be decommissioned, thus paving the way for the commercialization of the Internet. It was also called the “Internet” as a sort of “interconnected” and “network”.

In the early 1990’s the connection to the Internet was via a telephone line. To access the Internet, all users needed to do was know the telephone number of the connected computer. From this computer, the user can establish connections to other computers. This computer was called a server and provided basic or specific services for users. This is known as a client /server architecture.

# List 5 website each on the 12 categories you learned

## portal

A web portal is a specially designed [website](https://en.wikipedia.org/wiki/Website) that brings information from diverse sources, like [emails](https://en.wikipedia.org/wiki/Email), [online forums](https://en.wikipedia.org/wiki/Internet_forum) and [search engines](https://en.wikipedia.org/wiki/Web_search_engine), together in a uniform way

* <https://www.grants.gov/> - grants, is one of the government's tools for funding ideas and projects to provide public services, stimulate the economy, and benefit the general public.
* <http://portal.aait.edu.et/> - AAiT , is a student service website that allow them access their education concerning requests
* <https://www.santanderbank.com/us/personal> - santanderbank, is website of the us bank which got it start in Spain, but also has been serving customers in the Northeast since 2013.
* <http://www.uabmedicine.org/> - uab medicine, this website allows users to find health care, medicine providers and school of medicine.
* <http://www.autozone.com/> - auto zone, allows users to conduct online shopping

## News

* <https://news.yahoo.com/> - yahoo news, provides latest news and is owned by the verizon company
* <https://edition.cnn.com/> - CNN edition, this site attracted growing interest over its first decade and is now one of the most popular news websites in the world.
* <https://www.nytimes.com/> - New York Times, provides breaking news, multimedia, reviews and opinion on Washington business sports movies and other information.
* <https://www.foxnews.com/> - fox news, a news website owned by the Murdoch family
* <https://www.nbcnews.com/> NBC news, national broadcasting company is American news website

## Informational

* <https://roadfood.com/> -road food, is informative website for food lovers. This website helps you get one’s favorite food while on the road.It’s available in many states across the United States.
* <https://www.tripadvisor.com/> - trip advisor, It’s an excellent informative website for people who love travelling as it provides detailed and genuine information like city’s best restaurants and “things to do” while one is away from home
* <https://www.ehow.com/> - ehow, is a website With more than a million How-to articles and over 0.17 million videos it provides step by step information on a variety of topics ranging from home improvement and gardening to investing, travel, shopping, healthcare, small businesses, etc.
* <https://www.webmd.com/> - webMD, is a website with wealth of information on various health conditions, symptoms, medicines, procedures etc.
* <https://www.wired.com/> - web monkey,  is a developer’s hub to get all the firsthand information on web designs, software and applications.

## Business/marketing

* poetic -
* 9
* 9
* 0
* 0

## Educational

* <https://www.khanacademy.org/> - khan academy, offers impressive depth on many different subjects of mainly secondary school.
* <https://www.edx.org/> -EDx, free online education and it covers a great range of topics.
* <https://www.w3schools.com/> - W3school, is world’s largest web developer site
* <https://www.coursera.org/> - coursera, a website that partners with universities and organizations around the world. This brings a wide variety of topics and perspectives to one searchable database.
* <https://code.org/learn> - code, a website dedicated specifically to teaching coding including a live practice window

## Entertainment

* <https://www.netflix.com/> - Netflix, a site containing arts,entertainment tv series and streaming videos
* <https://www.spotify.com> – Spotify,
* <https://www.youtube.com> – YouTube, a site containing arts,entertainment tv series and streaming videos
* <https://www.soundcloud.com/> - sound cloud,
* <https://www.nate.com/> - nate,

## Advocacy

* <https://www.afj.org/> alliance for justice
* <https://www.hrc.org/> human rights campaign
* <https://www.nationalcac.org/> national children’s advocacy center
* <https://ffl.org/> food for life
* <https://youthmovenational.org/>

## Blog

* <https://wordpress.org/> - word press, is a blog site hosting service by Automatic which provides a free blog with basic features.
* <https://ghost.org/> - Ghost, is a publishing platform focused only on blogging. The idea was to make a more streamlined and modern version of WordPress.
* <https://www.blogger.com/about/?r=1-null_user> – Blogger, is  free blog hosting service which has been around for a long time. It was founded in 1999 and acquired by Google in 2003.one can sign up easily with his existing Google account.
* <https://medium.com/> - Medium,  enables to write blog posts, it also comes with limited social networking functions and one can comment on other people’s content
* <https://launch.joomla.org/> - Joomla, best blog sites is another open-source content management system that one can use to build all kinds of websites

## Wiki

A wiki is a website that is collaboratively created by multiple users. It can also be thought of as a collaborative content management system (CMS) for collecting and organizing media that is created and revised by its users.

* <https://wikitravel.org/> - wikitravel, It’s been online since 2003 and is overseen by a team of administrators. They can roll back unwanted edits, delete pages, lock pages, and generally keep the information on the site accurate and free of spam.
* <https://en.wiktionary.org/> - wiktionary, is an example of a wiki that can save people’s money. It is a multilingual dictionary of languages, but has a definition for every word supplied in English, regardless of the source language. Today, there are more than **six million words** included from more than 4,000 dialects.
* <https://en.wikibooks.org/> - wikibooks, is repository of open-content textbooks, annotated texts, instructional guides, and manuals. It does not include fiction, primary research, or published texts.
* <https://en.wikipedia.org/> -wikipedia, is a free online encyclopedia, created and edited by volunteers around the world and hosted by the Wikimedia Foundation.
* <https://www.wikihow.com/> - wikihow, is a popular wiki for anyone who wants to [learn how to do something](https://www.makeuseof.com/tag/best-how-to-sites/) and has strict editorial guidelines

## Social network

* <https://www.facebook.com/> - Facebook, largest social networking site in the world and one of the most widely used. In addition it allows sell online and one can even market or promote his business, brand and products by using paid Facebook ads.
* <https://www.whatsapp.com/> - whatsapp, Despite having been acquired by Facebook in 2014, this instant messaging platform exists as an independent entity.
* <https://www.instagram.com/> - instagram, a unique social networking platform that was completely based on sharing photos and videos.
* <https://twitter.com/> - twitter, enables users to post short text messages (called tweets), containing a limited number of characters (up to 280), to convey their message to the world. With the growing craze for online shopping, Twitter also makes it possible to promote your businesses and even shop directly through tweets
* <https://skype.com/> - Skype, owned by Microsoft and allows you to connect with people through voice calls, video calls (using a webcam) and text messaging

## Content aggregator

A content aggregator is an individual or organization that gathers web content or sometimes applications from different online sources for reuse or resale.

* <https://alltop.com/> - All top, pulls in the latest posts from websites on a variety of topics.one can search for specific topics and then view aggregated content from some of the top blogs for that specific topic.
* Popurls.com – popurls, is another content aggregator website where unlike Alltop, one can’t submit his own website to Popurls
* <https://theweblist.net/> - The web list, is a content aggregator website that collects content from a huge variety of sources.
* <http://blogengage.com/> - Blog engage, Though blog engage is starting to fall victim to Spam content, it’s still one of the most popular blog content aggregators out there.
* <http://wpnewsdesk.com/> - Wp news desk, is a website that automatically pulls in content from a variety of WordPress blogs and companies and displays posts on the front page.

## Personal

# What are the guidelines for evaluating the value of a web site?

-Any web site is evaluated by considering the next 6 criteria:-

* Authority –reveals that the agency responsible for the site has the qualification and knowledge to do so.
* Accuracy – does the website have proper references? is the information comparable to other sites on the same topic.
* Objectivity –deals with whether or not the information is presented in a fair and balanced way, by offering different points of view.
* Currency- refers to how current the information presented is, and how often the site is updated or maintained.
* Coverage- percentage of pages on a specific site that the dynamic target matches.
* Appearance- **layout** that directs the user into the elements.

## Evaluate 2-5 websites based on the guideline and put your judgment

Say “what is a website?” has been searched and a list websites related to this search will appear

# Resources

* <https://archive.org/web/>
* <https://www.liferay.com/blog/en-us/digital-strategy/>
* <https://www.elegantthemes.com/>
* <https://www.library.wisc.edu/socialwork/research-help/social-issues-websites/advocacy-websites/>
* <https://websitesetup.org/>