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CENTER OF INFORMATION TECHNOLOGY AND SCIENTIFIC COMPUTING

Department of Information Technology

Fundamentals of Web Design

**Lecture One Based Assignment**

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# HISTORY OF INTERNET

ARPANET was the first workable network which look alike INTERNET but not. It invented in 1960

On January 1, 1983, ARPANET added TCP/IP and form “network of networks” that became the modern **Internet**.

ARPANET started working in October 29, 1969 the first message sent from computer to another computer and that was successful.

After that in 1984, ARPANET used many individual computers linked together as a host and start working. Then in 1986 ARPANET connected with NFS and created an internet, but in 1995 NFS had stopped working on the internet and start status as research network then in 1996 the second internet discovered which is called “internet 2”. Now there are above 550 million-internet user all over the world.

1969- ARPANET used as default

1984- ARPANET has more than 1000 individual computers linked as hosts

1986- Connect NFS net to ARPANET create which is called internet

1995-NFSNet stopped its network on the internet and start status as research network

1996-internet 2 discovered

And now above 550 million host connected to the internet

The Internet represents the most successful good examples of the benefits of successful investment and commitment to research and development of information infrastructure.

# List of website, their category and their gradual change

## Facebook

Facebook- it started in 2004 in Harvard by mark zuckerberg and its one of the popular site, millions of users visit this web site daily.

Category-informational, news, local business, place, company, organization, brand or product, entertainment, cause or community

This popular site comes through process, its changing its layout, design and style gradually since the first time it invented in 2004

2004-facebook belongs to Harvard it was like single school dictionary, and the owner of the project as mark and it had ”Mark Zuckerberg production” logo on bottom of each page and later in 2004 new schools opened and 2005 the work continued.

2005- Facebook was in dictionary mode, we could not communicate through it later in2005 Facebook makes blue toned a welcome contrast.

2006-it makes status box popped, started introduction of multiple photos. In ep 2006 newsfeed and mini feed shook up on Facebook and the site changed from dictionary to a feed and he users were not happy and in late of 2006 the company added share button on it

2007-started adding gobs of feature from video to Facebook

2008-new looking Facebook wall by redesigning the site

2009-makes it newsfeed more like tweeter, it redesigned by people protest to bring back the walls that were disappear through the process of redesigning

2010-similar to 2009

2011-odious ticker appear which was ugly and within the weeks’ timeline appears

2012-similar to 2011, it stay pretty the same with the design of 2011

2013-give timeline and newsfeed a major revamp, it had a large picture

2014-had started on mobile other than desktop

## Google

Google- it’s the most visited website globally it was first funded in September 4 1998

Category-informational

Its gradual process is

1999-it exited beta and entered official release, it had small news feed on top search result but it provides fast search results

2000-started earning money non the search engine

2001-launch google image, and this image button added to alongside groups and dictionary also search engine started to work on multi direction

2002-google news has started

2004- It worked on the search engine by finding fun new way to searching

2005- It started google map, it changes the perspective of people from using physical paper n to digital

2005- I t started google video

2006-it started google weather, by telling the weather it made people life easier

2008-after 2008 google has not changed much still now

## YouTube

Its American video sharing platform.it started n 2005

Category-entertainment

The evolution of YouTube from 2005-2019

2005-it had a uploaded video, favorite video, direct message, profile, homepage tabs after you promoted from username and password

2006-2009- videos could be rated from 1-5 by thumbs up and thumbs down system, and also in a home page there was a community tab

2010-2011-it 2011 it started to show the popular videos by their genres in 2012- it allow users to add channels homepage

2013- Its homepage really resemble like the homepage which looks likes today, and it had a music, game, sport, news, Tv show links

2014-2015-started to tag supported videos, and make subscribe button, which hosts of recommended channels

2000-2020 -YouTube enabled users to use its website by smartphone, it also started promotion and it’s changing gradually

## Yahoo

Yahoo-invented by jerry in 1994, to share a list of their favorite website

Yahoo created their company in 1995-1996

1995- In 1995 March they get their first buying proposal from American online

In 1996-it a public with its chares

1997-2000- in 1997 and 1998 yahoo created service based on what customers and started sport, game, chat, a travel section, calendar, file sharing

1999- Started a small website that started between 2 collage guys with 2000-4000 employees

2000- Started advertisement

2011- It turned to mobile apps

2012-started to call ”the Hoo”

2013-won award in 2013and be easy blogging site

From 2014 up to now it is changing gradually

## Wikipedia

It free encyclopedia it launched in Jan 15, 2001 we can find 309 languages and it owned by Wikimedia foundation

2001- It only talks about feminist

2006- By lonely girl15it started to be functional

2007- IPhone given proper entry for Wikipedia

# Categories of Websites

## Portal websites

Examples of portal websites

* Google-it is a search engine, it customize many reference sites
* Yahoo-it offers email service, web hosting and social networks
* MSN-it offers email service
* Bing- It is a search engine
* Baidu- it’s like Chinese google it launched in 2000it displays maps, news..

## News website

* BBC– British broadcasting corporation and its in UK and its the most popular new website around the world, it has 35 million visitors monthly
* CNN- has 95 million visitors every months, its fastest growing online news portal
* NEWYORK times- have about 70 million visitors every month, American bead newspaper which is published in new York
* NBC news-its national broadcasting company have 63 million visitors every month, this social media loved by so many peoples all around the world
* USA today- American online news website it offers very important and in important news

## Informational website

* Mosaic art- full of meaning full content about art
* Polygon-video game review website
* Mint- it gives some good and relaxing vibes
* Verge- in homepage t have hot stories
* Airbnb-this site includes the date and destination in a smart search form
* Fresh book- it gives information about the product are buying and why would you buy that product
* Hop monk- it gives information about huge galleries from your location it prevent to not to enter same place twice

## Marketing/Business Websites

* Web design agency (html burger)- by showing their design for the users and the users can make a contact
* Marketing/pr consultancy Haus- highly engaging in to entertain fashion, they show and make the customer to exercise their design
* Restaurant business- it provides well-presented menu also offer gift card purchasing and reservation directly
* Bed and breakfast –to make a user very friendly with the system and it is a reservation system and his system is in mobile
* Event coordinator- it gives a chance to show their styles and if it impress the client they contacted and work

## Educational website

* EdX- it found by Harvard University in 2012 and its online learning program and it gives high quality courses from world best universities
* Academic earth- it give traditional to contemporary academic options it has a collaboration with bunch of universities and university of oxford also
* Internet archive- this is like a library which have a free book online but doesn’t give admission or certificate for learning
* Big think-it has over 2000 followers it gives articles and record tutorial for the student and students can create their own ideology
* Courser- it uses for student to find big universities and taking lecture and assignment then when they finish it gives a certificate

## Entertainment website

* TMZ- called thirty mile zone” it is a celebrity new blog
* HITFIX- its gossipy site and site of serious movie
* Slash film-read up more reviews and lees gossips and give updates in what is coming soon
* Perez Hilton- give daily celebrity news and it is the biggest gossip and rumor sites
* E!Online- it cover live event coverage and it covers music and music industries

## Advocacy website

* Food for life global- it mission to bring peace and prosperity throughout the world
* ASISTA- it works on immigration cases and sexual violence
* Greenpeace global- it empower to make our planet green and protect the earth from climate change
* Center of patient partnership- it work to empower patient in their healthcare system
* Justice for children- it says every children has a right to group in a safe and nurturing environment

**Blog website**

* Community blog- it created to bring likeminded people together
* Nonprofit blog-it helps people which running on nonprofit organization
* Video blogs- it is a site for video blogger which want to hare and upload their own video
* Device type blogs- it gives information about the device their features, their functionality
* Podcast blogs- it covers a range of types included the popular

## Wiki website

* Wikitravel- this website give an advice about a trip it is a trip advisor
* Wikihow- it learns how to do something and it also talk on the topics like relationship sport fitness pets, animals, philosophy and religion
* Wiki book- it gives books in different categories like computer engineering, humanities, language mathematics, science, social science and kids’ books also
* Wiktionary- this is the complete second edition of oxford dictionary, it have over 6000 words with their explanation
* Stranger things wiki-its fandom network sites shows Tv series with detailed information about the cast

## Social network website

* Facebook- have 1-billion user account, it used for network with friend, relative and also for market and promote different business
* WhatsApp- its instant messaging platform, it give ability to communicate and share instantly with individual and groups
* Instagram- it based on sharing photos and videos and capture best moment of your life
* Twitter- this enable to post short text messages which is called tweet used to cover your message to the world
* Viber- available in more than 30 languages, send for instant text message and voice message also it has ability to make a call for the peoples which don’t have Viber

## Content aggregator website

* All top- it pulls the latest post from websites on different topics
* Populrs - its called mother of all news aggregators, it pulls verity social of social networks, log and news organization
* The web list- it’s one page content aggregator website, it has highly customize and use some cool technology
* Wp news desk- it pulls contents from verity of word press blogs and companies
* Blog engage- it shows spam indicator suggests

## Personal website

* Nia Shanks- the best personal website with a nice design, on headline it has a home page and she also used the top navigator which point the visitors the direction
* Simon Sinek- it’s clean and ridable and colors draw in the eye, he uses to promotion
* Ellen Skye riley- it is incredibly gifted design skills, her site is extremely fun to parous, and the viewer enjoys browsing through this website
* Tim Harford- it shoes the visitors hi feature book, banner, to buy stuff and to promote their site too
* Hope Reagan- used to get in contact with you and known to exist

# Evaluating a website

## Guidelines

1, **Authority**

-contact information like email address, phone number and email

- did the personal background gives information

- does it supported an organization or commercial body

2, **Purpose**

* Doe the contact support the site
* Is it organization focused?
* Does the site evaluate links
* Is the information that it gives is specific audience lie student scholar and general reader

3, **Coverage**

-does the site is selective or compressive

-does the topics explode in depth

-does the link goes outside other than it self

4, **Currency**

-when was the last updated

- does the information are useful at the current time

5,**Objectivity**

-does information created by particular bias?

-does the information sway he audience

-does the site explain inform or sell something

6,**Accuracy**

-does the site follow correct grammar and spelling

- is it reliable

## Example website evaluation

1. Greenpeace-[**http://www.greenpeace.org**](http://www.greenpeace.org/international/en/)

This website have relevance authority and reliability

Relevance- it has interest in conservation and environment, its general

Language- its well written

Connection-it a good place to look background and current information

Information provided- in-depth , and overwhelmed the reader

Authority-

Author- it is an organization with high public profile

Reference-articles have other information to backup it argument

Information provided- information’s would agree with environmental movement

Organization-it is not for profit but in fundraising

Reliability

Kind of information- it gives further information

Objectivity- it gives evidence to support its viewpoint

Primary/secondary source- it gives primary source to give an information

Goal- its goal is to the environment is true and justified and it wants you to donate money to the organization

1. Great Barrier Reef marine park Authority-<http://www.gbrmpa.gov.au/>

Relevance

Audience- its public

Language-it’s accessible in general public

Connection- it covers many aspects

Amount of information- it gives information in-depth about range of aspect

Authority

Author- its Australian government

Reference- references not that much supplied

Information- it backup current knowledge

Organization- government has an authority

Kind of information- in-depth information

Objectivity- only government provided information no adverting

Primary/secondary source- it is primary source

Goal- inform public and scientific community about challenges facing from a governmental perspective

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