

ADDIS ABABA INSTITUTE OF TECHNOLOGY

Department of Software Engineering

Fundamentals of Web Design and Development

Assignment 1

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1. Explain the history of evolution

The Internet, as we know it today, is a global network of billions of computer and electronic devices. These days it plays a huge role in our day to day lives, since it allows us to access any information and communicate with anyone in the world, that it almost seems like it’s always been here. But we should ask ourselves, how was it created and why? How did it come to be a global phenomenon?

It all started with the invention of the Arpanet for the purpose of serving the US military force during the cold war about 40 years ago. The US military force funded a research arm called Advanced Research Projects Agency (ARPA), who worked on a communication project which then led to the invention of Arpanet. Though it was meant for armed forces to communicate over a connected and distributed network at the time, as the years went by Arpanet expanded its connection to universities and other cities over satellites and eventually was renamed to ‘Internet’.

The internet became a global phenomenon thanks to two main creations which had a significant impact. These are the Internet’s Domain Name System and World Wide Web. The Internet Domain Name System was invented in 1984 to match complex IP addresses with easy to remember names ending in extensions such as .com, .org , .edu , .gov , .mil and country codes. The World Wide Web was invented by Tim Berners-Lee in 1990 as a method of publishing information in a hypertext format on the Internet. The Web began to take off in 1993, after computer science student Marc Andreessen created the first popular Web browser, known as Mosaic.

1. 2. View the 5 – 10 popular websites of your choice from web archive URL and put your observation and assessment
2. View the 5 – 10 popular websites of your choice from web archive URL and put your observation and assessment
3. View the 5 – 10 popular websites of your choice from web archive URL and put your observation and assessment
4. View 2-5 websites of your choice from web archive and put your observation and assessment.

Amazon

* The website has different things highlighted every month for the customers to choose from
* In earlier years like 2005, to get to the home page the link with the name “welcome” had to pressed and the logo was placed separately on the left but starting from 2006 the link leading to the home page had the sign of the logo and was placed with placed with other links that lead to the store and product categories but as the years went by it is placed on its own with a larger size.
* Also the search text field occupies a much larger space from the year starting 2008
* One of the things that remained constant throughout the earlier years was the list of the products on the left side of the page categorized to their respective products but as 2012 came the products were blended in with the search box as a drop down menu according to their respective categories such as books, clothes, games…
* After 2016 the website increased its attractiveness by leaving the majority of the page for the expansion of the logos of the products by their categories and also adding motion pictures. The current website has an easy going flow that’s placed in a clear way. It’s not surprising to hear that amazon is the best online shopping website there is.

Reddit

* Reddit is one of the famous platforms for internet communities as it says so on the website right below the logo and the link for the webpages next to it which make you choose from the hot, new, rising…topics there are at that time.
* There’s a search and a sign in text field where you can log into your account or create a new one on the top right side of the home page.
* The rest of the main page is a list of random topics which are called sub reddits where people can go and give their comment or add to the section.
* Over the years it hasn’t changed much except for the varying topics and the writing below the logo has changed to welcome to reddit

BBC

* BBC is one the most popular news websites in the world and unsurprisingly the home page is filled with the latest news categorized with their with their type of news such as top stories, sports, entertainment…
* There’s a welcome to bbc writing just below the logo and the sign in for an account link. Beside them there are the other links which lead to the web pages news, sport, weather… and in the end of those there’s a search option.