

ADDIS ABABA UNIVERSITY

ADDIS ABABA INSTITUTE OF TECHNOLOGY

CENTER OF INFORMATION TECHNOLOGY AND SCIENTIFIC COMPUTING

DEPARTMENT OF SOFTWARE ENGINEERING

Fundamentals of Web Design & Development

**Assignment One**

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# **Introduction**

This document contains information and answers regarding the following questions.

1. History of Internet [The evolution]
2. View the 5 – 10 popular websites of your choice from web archive URL and put your observation and assessment.
3. List 5 website each on the 12 categories you learned.
4. What are the guidelines for evaluating the value of a Web site? Try to evaluate 2-5 websites based on the guideline and put your judgment.

# **History (Evolution) of the Internet**

The internet as we know is a large infrastructure whose complete history or evolution cannot be described in a couple of pages. Therefore, I will be listing and describing key milestones and events related to the growth and evolution of the Internet starting from 1969.

The first practical schematics for the internet would not arrive until the early 1960s, when MIT’s J.C.R. Licklider popularized the idea of an “Intergalactic Network” of computers. Shortly thereafter, computer scientists developed the concept of “packet switching,” a method for effectively transmitting electronic data that would later become one of the major building blocks of the internet.

## 1969: Arpanet

The first workable prototype of the Internet came in the late 1960s with the creation of ARPANET, or the 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. The major people responsible for the creation of the ARPANET were Lawrence G. Roberts and J.C.R. Licklider.

On the October 29, 1969, computers at Stanford and UCLA connected for the first time. In effect, they were the first hosts on what would one day become the Internet. The first message sent across the network was supposed to be “Login”, but reportedly, the link between the two colleges crashed on the letter “g”.

By the end of 1969, four host computers were connected together into the initial ARPANET, and the budding Internet was off the ground. Even at this early stage, it should be noted that the networking research incorporated both work on the underlying network and work on how to utilize the network.

## 1971: Email

Email was first developed in 1971 by Ray Tomlinson, who also made the decision to use the “@” symbol to separate the user name from the computer name (which later on became the domain name).

## 1972: CYCLADES

France began its own Arpanet-like project in 1972, called CYCLADES. While Cyclades was eventually shut down, it did pioneer a key idea: the host computer should be responsible for data transmission rather than the network itself.

## 1973: ARPANET and E-Mail

ARPANET made its first trans-Atlantic connection in 1973, with the University College of London. During the same year, email accounted for 75% of all Arpanet network activity.

## 1974: The Beginning of TCP/IP

The idea of open-architecture networking was first introduced by Kahn shortly after having arrived at DARPA. This made 1974 a breakthrough year. A proposal was published to link Arpa-like networks together into a so-called “inter-network”, which would have no central control and would work around a transmission control protocol (which eventually became TCP/IP).

Four ground rules were critical to Kahn’s early thinking:

* Each distinct network would have to stand on its own and no internal changes could be required to any such network to connect it to the Internet.
* Communications would be on a best effort basis. If a packet didn’t make it to the final destination, it would shortly be retransmitted from the source.
* Black boxes would be used to connect the networks; these would later be called gateways and routers.
* There would be no global control at the operations level.

## 1977: The PC Modem

1977 was a big year for the development of the Internet as we know it today. It’s the year the first PC modem, developed by Dennis Hayes and Dale Heatherington, was introduced and initially sold to computer hobbyists.

## 1983: Arpanet and TCP/IP

This year was also a major breakthrough. In January 1, 1983 was the deadline for Arpanet computers to switch over to the TCP/IP protocols developed by Vinton Cerf. A few hundred computers were affected by the switch. The name server was also developed in ’83.

## 1984: Domain Name System (DNS)

The domain name system was created in 1984 along with the first Domain Name Servers (DNS). The domain name system was important in that it made addresses on the Internet more human-friendly compared to its numerical IP address counterparts. DNS servers allowed Internet users to type in an easy-to-remember domain name and then converted it to the IP address automatically.

**The Internet grows:** By 1987, there were nearly **30,000 hosts on the Internet**. The original Arpanet protocol had been limited to 1,000 hosts, but the adoption of the TCP/IP standard made larger numbers of hosts possible.

## 1989: World Wide Web Proposed

1989 also brought about the proposal for the World Wide Web, written by Tim Berners-Lee. It was originally published in the March issue of MacWorld, and then redistributed in May 1990. It was written to persuade CERN that a global hypertext system was in CERN’s best interest. It was originally called “Mesh”; the term “World Wide Web” was coined while Berners-Lee was writing the code in 1990.

1990 also brought about the first commercial dial-up Internet provider, The World. The same year, Arpanet ceased to exist.

## 1991: First Web Page Created

1991 brought some major innovations to the world of the Internet. The first web page was created and, much like the first email explained what email was, its purpose was to explain what the World Wide Web was.

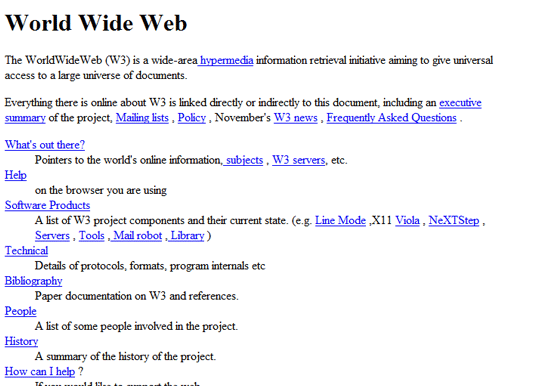
****

Figure 1: The first WWW

## 1993: Mosaic

The first widely downloaded Internet browser, Mosaic (first graphical web browser for the general public), was released in 1993. While Mosaic wasn’t the first web browser, it is considered the first browser to make the Internet easily accessible to non-techies.

## 1995: Commercialization of the Internet

1995 is often considered the first year the web became commercialized. While there were commercial enterprises online prior to ’95, there were a few key developments that happened that year. First, SSL (Secure Sockets Layer) encryption was developed by Netscape, making it safer to conduct financial transactions (like credit card payments) online.

In addition, two major online businesses got their start the same year. The first sale on “Echo Bay” was made that year. Echo Bay later became eBay. Amazon also started in 1995.

## 1996: First Web-Based (Webmail) Service

In 1996, Hotmail the first webmail service, was launched.

## 1998: Google

Google went live in 1998, revolutionizing the way in which people find information online.

## 2008: “Internet Election”

The first “Internet election” took place in 2008 with the U.S. Presidential election. It was the first year that national candidates took full advantage of all the Internet had to offer. Hillary Clinton jumped on board early with YouTube campaign videos. Virtually every candidate had a Facebook page or a Twitter feed, or both

## The Future?

Where is the future of the Internet headed? I can only assume that the Internet will continue to grow. From basic developments to things like PPC advertising, the Internet has only become more impressive over time.

# **Web Archive Observation and Assessment**

I have decided to view 5 popular websites.

## Netflix: [www.netflix.com](http://www.netflix.com)

**January 17/1999**: The website for Netflix in the 90’s wasn’t that great. It had no CSS and looked bad. Its description was “Easy DVD Movie Rentals”. Advertisements were located on the right and DVD’s available for rent were placed on the right and middle along with their prices.

**August 01/2003**: The website definitely looks more inviting this year. The movies available to rent are more organized and the sign-up page is well done and colorful (Which the 1999 version lacked).

**October 06/2007**: The website has more of a family feel this year as the first thing that is seen is a family watching a movie. The red background was added that started off the classic Netflix theme.

**April 23/2011**: No major difference between the last 4 years. The red background still exists with the sign-up page upfront.

**September 11/2014**: The website looks completely modern this year. A huge message “Watch TV shows & movies anytime, anywhere.” is visible. The sign-in page is removed from the home page and a small button in the top right corner is added.

**June 04/2018**: The best the websites looked since its creation in the 90’s. The background was made up of a collage of different movies which was great. The welcome message “See what’s next.” Was intriguing on its own.

## Facebook: [www.facebook.com](http://www.facebook.com)

**March 2011**: The website looks really good in this year. Everything is visible and sorted nicely. The sign-up portion is on the right side. On the left side there is a text describing what Facebook is and a picture that demonstrates this.

**September 2013**: The font is a bit big and everything pops out. I prefer the 2011 version.

**July 2015**: The website here looks much better than the 2015 version. The font is decreased and is well put.

**July 2017**: They have modernized the website. So far, this one is by far the best.

**September 2018**: They have added the picture (a globe with interconnected people) that demonstrates what Facebook is about.

**June 2019**: The picture of the globe has been removed and some texts that describe Facebook have been added back.

## YouTube: [www.youtube.com](http://www.youtube.com)

**October 15/2005**: This was the first version of YouTube website. It has a catchy message “Broadcast Yourself”. Compared to the current website, this one look awful to say the least. The CSS was poorly prepared and isn’t nice to look at.

**April 30/2007**: There is much improvement from the 2005 version. The navigation bar is more visible and appealing. There is also a section for Member Login in the right.

**July 01/2009**: The navigation bar has yet again changed. It has shifted to the top left corner. This year YouTube has added more video categories like Most Popular and Featured Videos.

**July 31/2012**: This year brings much change in the visual aspect of the website. The navigation is now on the left-hand side and there are more categories like Entertainment and Sports.

**May 01/2015**: The red and white color combination that we now know was available in 2015. This looks more like the YouTube we know. The recommended channel option was introduced in this year.

**December 01/2018**: This is it. This looks exactly the same as the current YouTube website, with everything properly organized and available.

## Twitter: [www.twitter.com](http://www.twitter.com)

**October 31/2007**: This was kind of the first version of twitter. The twitter logo looks dreadful to say the least. Not much thought was put into the design of the website but as this was 13 years ago, we could let it go. The tweets of people were categorized under Recent updates.

**October 15/2009**: This year the twitter “bird” was introduced which was a nice addition. The search bar is the first thing we notice and there are some topics and trending hashtags below it.

**April 15/2012**: A lot of change from the 2009 version of the website. There is a welcome text “Find out what’s happening, right now, with the people and organizations you care about” in the middle. What I don’t like about this website is the red background which doesn’t really go with twitter.

**November 1/2014**: The red background that ruined twitter on 2012 was gone here and replaced with a beautiful background. The welcome to twitter message was still there and on the right the usual login and signup boxes were there.

**July 26/2018**: This year looks so much similar to the current Twitter. Half the background is blue and half is white. The title of the page was also updated to “Twitter. It’s what’s happening.” The signup and log in buttons look more appealing too.

## Amazon: [www.amazon.com](http://www.amazon.com)

**October 18/2000**: The first major screenshots of amazon on the web archive page were in the year 2000. They actually did a decent job with the website considering the year. There was a nice navigation bar on the left although the items for sell were arranged poorly.

**August 31/2004**: Much improvement from the 2000 version. This one is more aesthetically pleasing. Also, more navigation items are added such as “Sell Your Stuff”.

**March 22/2009**: This was by far the most well-organized website. The navigation bar classified based on the type of item and it was easy to surf the website. The presentation of the items also took an improvement with the pictures in the middle and their description below them.

**June 29/2013**: The navigation bar was no more, instead they redid the search bar to incorporate the different item types. The other aspects of the website were basically the same.

**September 23/2019**: The modernized amazon website was in 2019. The CSS was done nicely and the categorization of the items was faultless. New options like “Deals under 10$” made it easy for every budget to be included.

**March 5/2020**: The current amazon website is as good as it gets. Surfing couldn’t be easier and the available categories are plenty. Good job to the designers.

# **Categories of Websites**

The 12 categories of websites are Portal, News, Informational, Business/ Marketing, Educational, Entertainment, Advocacy, Blog, Wiki, Social Network, Content Aggregator and Personal.

## Portal

* **Yahoo**: <https://www.yahoo.com/?p=us>
* Yahoo! is an American web services provider headquartered in Sunnyvale, California, and owned by Verizon Media.
* **Santander Bank**: <https://www.santanderbank.com/us/>
* As one of the largest banks in the eurozone, Santander looked to build a new enterprise web platform that would integrate with existing software while allowing room for new content and features.
* **MSN**: <http://www.msn.com/>
* The customizable and curated collection of the best in trusted news plus coverage of sports, entertainment, money, weather, travel, health and lifestyle
* **UAB Medicine, Patient Portal**: <http://www.uabmedicine.org/>
* UAB's top-ranked medical professionals found a platform through which they can reach many visitors and actual patients with health concerns.
* **Grants.gov, Federal Government Portal**: <http://www.grants.gov/>
* The mission of Grants.gov is to allow applicants for federal grants to apply for and manage grant funds online through a common website.

## News

* **BBC**: <https://www.bbc.com/news>
* BBC News provides trusted World and UK news as well as local and regional.
* **CNN**: <http://www.cnn.com/>
* Find the latest breaking news and information on the top stories, weather, ...
* **Fox News**: <http://www.foxnews.com/>
* Breaking news and video. Latest Current News: U.S., World, Entertainment, Health, ...
* **New York Times**: <http://www.nytimes.com/>
* Free Access to NYT Apps. High Quality Journalism.
* **The Guardian**: <http://www.theguardian.com/>
* Latest international news, sport and comment.

## Informational

* **CrackWatch**: <https://crackwatch.com/>
* CrackWatch.com is a news reporting website about the crack status of PC games.
* **The Verge**: <http://www.theverge.com>
* An image carousel, drilling the reader into a story, divides every webpage.
* **Dropbox**: <https://www.dropbox.com/>
* Dropbox simplifies our work, with a central place to access and share your files”.
* **Mint**: <https://www.mint.com>
* The website’s homepage gives a secure and relaxing vibe, which is crucial for the financial firm.
* **Airbnb**: <https://airbnb.com>
* The website includes the date and destination in a smart search form, which is the first info that visitors will see.

## Business / Marketing

* **Forbes**: <http://www.forbes.com/>
* Forbes is a global media company, focusing on business, investing, technology, entrepreneurship, leadership, and lifestyle.
* **CNN Money**: <http://www.money.cnn.com/>
* Complete financial stock market coverage with breaking news, analysis, stock quotes, before & after hours market data, research and earnings for stocks.
* **DMN**: <http://www.dmnews.com/>
* DMN is a resource for marketing and sales professionals that explores all realms of digital and data driver marketing in an unbiased and incisive manner.
* **Event Marketer**: <http://www.eventmarketer.com/>
* Event Marketer provides the information needed for strategic brand-side event marketers and agency executives ranging from face-to-face to corporate events.
* **Business Insider**: <http://www.businessinsider.com/>
* Business Insider is a fast-growing business site with deep financial, media, tech, and other industry verticals.

## Educational

* **Quora**: <https://www.quora.com/>
* Quora is a place to gain and share knowledge. It's a platform to ask questions and connect with people who contribute unique insights and quality answers.
* **Duolingo**: <https://www.duolingo.com/>
* A website where one can learn 30+ languages online with bite-size lessons based on science.
* **Udemy**: <https://www.udemy.com/courses/>
* Udemy is an online learning and teaching marketplace with over 100000 courses and 24 million students.
* **EdX**: <https://www.edx.org/>
* EdX is an online learning destination and MOOC provider, offering high-quality courses from the world's best universities and institutions to learners everywhere.
* **Khan Academy**: <https://www.khanacademy.org/>
* Khan Academy is a non-profit educational organization created in 2008 by Salman Khan with the goal of creating a set of online tools that help educate students.

## Entertainment

* **Netflix**: <https://www.netflix.com/>
* Netflix is a movie and series streaming content.
* **IMDb**: <http://www.imdb.com/>
* IMDb (Internet Movie Database) is the world’s most popular and authoritative source for movie, TV and celebrity content.
* **Spotify**: <https://www.spotify.com/>
* Spotify is a digital music service that gives you access to millions of songs
* **Pogo**: <http://www.pogo.com/>
* Pogo.com is a great place to play free online games, including puzzle games, word games, card games, and board games.
* **ESPN**: <http://espn.go.com/>
* ESPN.com is the web extension of the mighty Entertainment and Sports Programming Network which provides comprehensive sports coverage since 1979.

## Advocacy

* **Advocates for Children in Therapy**: <http://www.childrenintherapy.org/>
* Advocates for Children in Therapy is an educational and public advocacy organization dedicated to halting the dangerous cruelty done to children by Attachment Therapy.
* **Barefoot College**: <https://www.barefootcollege.org/>
* Barefoot College forges a first-of-its-kind, women-centered, global network dedicated to sustainable development in every community where poverty exists.
* **Class Action**: <https://classism.org/>
* Simply put, their goal is to remove classism.
* **MADRE**: <https://www.madre.org/index.php>
* They fight for women’s rights.
* **Youth Move National**: <https://youthmovenational.org/>
* They’re a youth-driven, chapter-based organization dedicated to improving services and systems that support positive growth and development by uniting the voices of individuals who have lived experience in various systems including mental health, juvenile justice, education, and child welfare.

## Blog

* **Gala Darling**: <http://galadarling.com/>
* In her blog, Gala’s main objective is showing women how to love themselves unconditionally.
* **William Beem**: <https://williambeem.com/blog/>
* This is William Beem’s photography blog.
* **Green Living Guy**: <https://greenlivingguy.com/blog/>
* In this blog, Seth Leitman talks about the importance of plants and all green things.
* **Write to Done**: <https://writetodone.com/>
* WTD is created so that we can learn new skills, practice them, and become a better writer.
* **Convince and Convert**: <https://www.convinceandconvert.com/blog/>
* They are strategists and practitioners of social media, content marketing, influencer marketing, word of mouth, and customer experience.

## Wiki

* **Wikipedia**: <https://wikipedia.org/>
* A free encyclopedia with millions of articles contributed collaboratively using Wiki software, in dozens of languages.
* **Wikia**: <https://wikia.com/>
* Wikia is a community site that anyone can contribute to. Discover, share and add your knowledge.
* **Wikihow**: <https://wikihow.com/>
* In wikiHow there are easy, step-by-step, illustrated instructions for everything.
* **Wiktionary**: <https://wiktionary.org/>
* Collaborative project for creating a free lexical database in every language, complete with meanings, etymologies, and pronunciations.
* **Word Reference**: <https://wordreference.com/>
* Free online dictionaries – Spanish, French, Italian, German and more. Conjugations, audio pronunciations and forums for your questions.

## Social Network

* **Facebook**: <https://www.facebook.com/>
* A social networking platform that helps to connect with friends, family and other people you know. Share photos and videos, send messages and get updates.
* **Twitter**: <https://twitter.com/?lang=en>
* Twitter is your go-to social networking app and the source for what's happening in the world. From world news to local news, entertainment to sports and gaming, politics to fun stories that go viral.
* **Instagram**: <https://www.instagram.com/>
* A simple, fun & creative way to capture, edit & share photos, videos & messages with friends & family.
* **LinkedIn**: <https://www.linkedin.com/>
* Manage our professional identity. Build and engage with our professional network. Access knowledge, insights and opportunities.
* **Tumblr**: <https://www.tumblr.com/>
* Tumblr is a place to express ourselves, discover ourselves, and bond over the stuff we love. It's where our interests connect us with our people.

## Content Aggregator

* **Alltop**: <https://alltop.com/>
* Alltop pulls in the latest posts from websites on a variety of topics. What’s neat about Alltop is that you can search for specific topics and then view aggregated content from some of the top blogs for that specific topic.
* **Popurls**: <http://popurls.com/>
* Popurls pulls in content from a variety of social networks, blogs, and news organizations. It’s quite eclectic in its content.
* **The Web List**: <http://theweblist.net/>
* The Web List functions similarly to Popurls in that it’s a one-page content aggregator website that collects content from a huge variety of sources.
* **WP News Desk**: <http://wpnewsdesk.com/>
* WP News Desk is a content aggregator website that focuses specifically on WordPress. It automatically pulls in content from a variety of WordPress blogs and companies and displays posts on the front page.
* **Travel Blogger Community**: <http://travelbloggercommunity.com/>
* Travel Blogger Community is for travel bloggers what WP News Desk is for WordPress. That is, Travel Blogger Community aggregates content from travel bloggers all around the world in one accessible place.

## Personal

* **My CV**: <https://aymen-mohammednur.github.io/My-Personal-Website/>
* My personal website.
* **Seth Godin**: <https://www.sethgodin.com/>
* Seth Godin’s personal website.
* **Lionel Messi**: <https://messi.com/en/>
* The personal website of the greatest footballer ever Lionel Andrés Messi.
* **Camila Cabello**: <https://www.camilacabello.com/>
* The personal website of Singer/songwriter Camila Cabello.
* **Anthony Wiktor**: <http://www.anthonydesigner.com/>
* Anthony Wiktor’s personal website.

# **Guidelines for Evaluating a Website**

There are 6 criteria’s for evaluating the value of a website. These six criteria deal with the content of Web sites.

## 1. Authority

Authority reveals that the person, institution or agency responsible for a site has the qualifications and knowledge to do so. Evaluating a web site for authority:

* Authorship: It should be clear who developed the site.
* Contact information should be clearly provided: e-mail address, snail mail address, phone number, and fax number.
* Credentials: the author should state qualifications, credentials, or personal background that gives them authority to present information.
* Check to see if the site supported by an organization or a commercial body.

## 2. Purpose

The purpose of the information presented in the site should be clear. Some sites are meant to inform, persuade, state an opinion, entertain, or parody something or someone. Evaluating a web site for purpose:

* Does the content support the purpose of the site?
* Is the information geared to a specific audience (students, scholars, general reader)?
* Is the site organized and focused?
* Are the outside links appropriate for the site?
* Does the site evaluate the links?
* Check the domain of the site. The URL may indicate its purpose.

## 3. Coverage

It is difficult to assess the extent of coverage since depth in a site, through the use of links, can be infinite. One author may claim comprehensive coverage of a topic while another may cover just one aspect of a topic. Evaluating a web site for coverage:

* Does the site claim to be selective or comprehensive?
* Are the topics explored in depth?
* Compare the value of the site’s information compared to other similar sites.
* Do the links go to outside sites rather than its own?
* Does the site provide information with no relevant outside links?

## 4. Currency

Currency of the site refers to: 1) how current the information presented is, and 2) how often the site is updated or maintained. It is important to know when a site was created, when it was last updated, and if all of the links are current. Evaluating a web site for currency involves finding the date information was:

* first written
* placed on the web
* last revised

Then ask if:

* Links are up-to-date
* Links provided should be reliable. Dead links or references to sites that have moved are not useful.
* Information provided so trend related that its usefulness is limited to a certain time period?
* Has the site been under construction for some time?

## 5. Objectivity

Objectivity of the site should be clear. Beware of sites that contain bias or do not admit its bias freely. Objective sites present information with a minimum of bias. Evaluating a web site for objectivity:

* Is the information presented with a particular bias?
* Does the information try to sway the audience?
* Does site advertising conflict with the content?
* Is the site trying to explain, inform, persuade, or sell something?

## 6. Accuracy

There are few standards to verify the accuracy of information on the web. It is the responsibility of the reader to assess the information presented. Evaluating a web site for accuracy:

* Reliability: Is the author affiliated with a known, respectable institution?
* References: do statistics and other factual information receive proper references as to their origin?
* Does the reading you have already done on the subject make the information seem accurate?
* Is the information comparable to other sites on the same topic?
* Does the text follow basic rules of grammar, spelling and composition?
* Is a bibliography or reference list included?

# **Evaluation**

I have decided to evaluate 3 websites namely IMDb, CrackWatch and Reddit.

## IMDb: <https://www.imdb.com/>

1. **Authority**

* The developer is not mentioned in the website itself but it is available via a simple google search. Colin Needham (born 26 January 1967) is an English entrepreneur who is the founder and CEO of IMDb.
* Contact information is provided via social networking sites while email and phone number are not provided.
* The author has not stated any qualifications, credentials, or personal background.
* The site is supported by The Amazon Company.

1. **Purpose**

* The content in the IMDb website supports the purpose of the site.
* The information is geared towards any movie fan.
* The site is well organized in movie genre and type.
* Most of the outside links are appropriate for the site.

1. **Coverage**

* The site covers almost every movie or series available.
* The topics are explored in depth.
* In my opinion, the information in this site is much better and well thought of than any other similar sites.
* The links do not go to outside sites (They remain there).

1. **Currency**

* The information in this website is updated regularly since new movies and seasons come out regularly.
* The date in which the information is placed is not available.
* All links (as I know) are up-to-date.
* All links (as I know) are reliable and not dead.
* The information provided here is timeless since any person may want to watch any movie and see what the movie is about.
* The site is still live and ongoing.

1. **Objectivity**

* Since the website describes movies and lets people rate the movies it is both biased and non-biased. It is biased because the rating is done by ordinary people all around the world (It is their opinion of how they liked the movie).
* The swaying power is determined by the movie itself.
* An awesome thing about this site is that there is no advertising.
* This site is trying to explain and inform information related to movies.

1. **Accuracy**

* The author is affiliated with a known company (The Amazon Company).
* Statistics and other factual information receive proper references.
* Based on the reading, the information does seem accurate.
* The information is comparable to other sites of the same topic.
* There are no grammatical, spelling or composition errors.

### Personal Judgment

Well, IMDb is one of the most useful and informative websites out there. The design is not the greatest but it does the job. It is well organized and has plenty of information. The browsing could do with bit of work though. Overall, it is a well-rounded and informative website. I have given the website a personal score. **Score**: B

## CrackWatch: <https://crackwatch.com/>

1. **Authority**

* It is not clear who developed the website.
* E-mail address is provided though phone number and fax numbers aren’t.
* The authors state believable qualifications but no personal background is available.
* The site is not supported by any organizations.

1. **Purpose**

* The content supports the purpose of the site completely.
* The information is geared towards gamers.
* The site is well organized. In my opinion it is one of the best organized sites out there.
* There are almost no outside links and the links that are there are appropriate for the site.

1. **Coverage**

* The site is comprehensive regarding games. As far as I know, It includes all games.
* The crack status of the games is explored enough.
* Compared to other similar sites, the content in this site is the best.
* The links do not go to outside sites.

1. **Currency**

* The date on which the information placed on the site was first written and last revised is available.
* All links are up-to-date and there are no dead links.
* The information provided here is timeless since any person may want to check out the crack status of any game.
* The site is live and ongoing.

1. **Objectivity**

* There is no bias regarding the information presented.
* The information presented is the crack status of PC games so whether that is swaying or not depends on the person.
* The advertising doesn’t conflict with the content of the site.
* The site is trying to inform the visitors of some information.

1. **Accuracy**

* The author is affiliated with DRM’s like DENUVO, STEAM.
* The information is accurate and reliable.
* The information is comparable with other sites of the same topic though this is more organized and reliable.
* There are no grammatical, spelling or composition errors.
* The reference is mainly crack scene groups like CPY and CODEX.

### Personal Judgment

All in all, CrackWatch is one of my favorite websites to browse through. With its aesthetically impeccable design and simple browsing it fulfills its purpose and more. If that wasn’t enough, CrackWatch does not host any pirated or illegal content, does not provide links to any illegal files such as torrents and is not associated with any scene group. I have also given the website a personal score. **Score**: A+

## reddit: <https://www.reddit.com/>

1. **Accuracy**

* It is clear who developed the site. In their “About” page they state that Reddit was founded in 2005 by two college friends Steve Huffman who is the CEO and Alexis Ohanian.
* No contact information like phone number is given but their socials are available.
* Personal background and credentials of the founders is available.
* The site is owned by the organization Advance Publications.

1. **Purpose**

* The purpose of the site ranges from breaking news to tv fan theories and everything in between and the content does not disappoint.
* The information is geared towards any and everyone.
* The site is well organized,
* There are some outside links that are not appropriate and the site does not evaluate the links.

1. **Coverage**

* Overall, the site is quite comprehensive. Reader can find almost any topic they want.
* Compared to other similar sites such as Twitter, the value of this site’s information is sometimes better and sometimes isn’t.
* Some of the links go to outside sites and some stay on its own.

1. **Currency**

* The date on which the information placed on the site was first written and last revised is available.
* Most links are up-to-date and reliable. But there are some dead links that are provided by scammers.
* Some of the information provided is limited to a certain time period.
* The site is live and ongoing.

1. **Objectivity**

* Since the content is posted by individuals around the world, there is obviously some bias.
* The information is really swaying since there are some really interesting topics.
* Some of the advertising conflicts with the content.
* The site is trying to explain, inform, persuade and sell everything.

1. **Accuracy**

* The authors are affiliated with the organization Advance Publications.
* Statistics and other factual information receive proper references as to their origin.
* The information is comparable to other sites of the same topic.
* There are some errors related to grammar, spelling and composition.
* A reference list is included on some of the posts.

### Personal Judgment

Reddit is one of the most interesting websites out there. News is broadcasted on a nice platform and there are high quality memes to brighten up anyone’s day. It's good because people dedicate their lives to creating good content and they don't get paid for it. I have also given the website a personal score. **Score**: A-

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