



Academic Year	Module	Assessment Number	Assessment Type
2025	5CS020/HJ1: Human - Computer Interaction	1	Report

A Report On Usability In Web

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1. Introduction

1.1 Usability

Usability: the degree to which something is able or fit to be used. - Oxford Dictionary

What is usability?

The word usability is the measure of how easy and intuitive something is to use. It is also a concept very prevalent in UI/UX to ensure that products like websites, native applications or games can be used as easily as possible.

Why does it matter?

Usability matters because it is one of the most important factors in user satisfaction. Jakob Nielsen, one of the most recognized experts in UI/UX, emphasizes that allocating just 10% of a development budget to usability can yield significant returns. On average, websites that undergo a usability revamp see a 135% improvements in key performance metrics (Nielsen, 2003)

How to make a website more usable?

Better usability can be achieved by following established frameworks such as:

- [Jakob Nielsen's Usability Heuristics](#)
- [Shneiderman's Eight Golden Rules](#)
- [Web Content Accessibility Guidelines \(WCAG\)](#)

In a world where there are 1.88 billion websites((CBC), 2022), and where the return on investment for UX design can reach 9,900% ((CBC), 2023), investing in usability is a need.

2. Literature review

The articles below have been picked from [Journal of User Experience \(JUX\)](#)

Review 1: [Learning to use, useful for learning: A usability study of Google Apps for Education](#)

In this study, the usability of Google Apps for Education (GAFE) in first year college composition courses was examined. It evaluated ease of use and usefulness by using 80 student surveys and real time feedback from 54 final participant responses. Students found that text styling and file sharing and collaboration tools were the most valuable. However, they had issues creating synchronous chat, with versioning and accessibility. Furthermore, browser inconsistencies made it difficult for most students to use GAFE on personal computers via Chrome. The findings highlight the importance of intuitive design, accessibility, and compatibility in web usability, reflecting bigger challenges in creating seamless digital experiences.

Review 2: [Usability Testing With Real Data](#)

The purpose of this study is to consider using real user data in usability testing. The participants used their own data for testing financial and data entry software which is something traditional lab testing would miss. In this process: bad data errors, cognitive load, and emotional feedback were reduced. However, challenges were faced regarding the privacy and ethical implications of using real user data. The implications of these findings emphasise the need for realistic testing environments to understand the usability problems and therefore design more user centered products, particularly web applications for proper personal or confidential data.

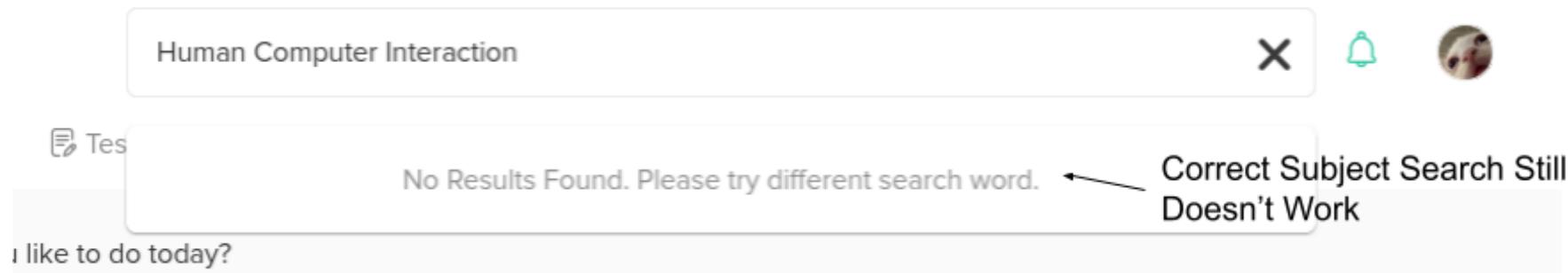
3. Analysis

Rule No.	Bob Shneiderman's Rule	Jakob Nielsen's Rule	Explanation
1	Strive For Consistency	Consistency & Standards	Understandability and usability of design are of the utmost importance. Elements and actions should be consistent on the interface

2	Enable Frequent Users To Use Shortcuts	User Control & Freedom	Users should always feel they can undo, redo, and freely navigate without restrictions.
3	Permit Easy Reversal Of Actions	Support internal locus of control / Flexibility & Efficiency Of Use	Allow users to easily undo actions and customize their experience, giving them control and flexibility
4	Offer Informative Feedback	Design dialog to yield closure / Visibility Of System Status	Design systems that provide users a clear feedback for any action
5	Offer Simple Error Handling	Help users recognize, diagnose, and recover from errors	Provide easy to understand error messages that help users recognize,, and recover from mistakes
6	Reduce short-term memory load	Recognition rather than recall	Make options visible and easy to recognize, reducing the need for memory recall.
7	N/A	Match between system and the real world	Use real-world language and metaphors, making the system intuitive and easy to understand.
8	N/A	Error Prevention	Design systems that minimize user mistakes by guiding actions correctly.
9	N/A	Aesthetic and minimalist design	Keep the design simple, focusing on essential elements and removing unnecessary clutter
10	N/A	Help And Documentation	Provide clear, accessible, and concise help resources

3.1 My Second Teacher

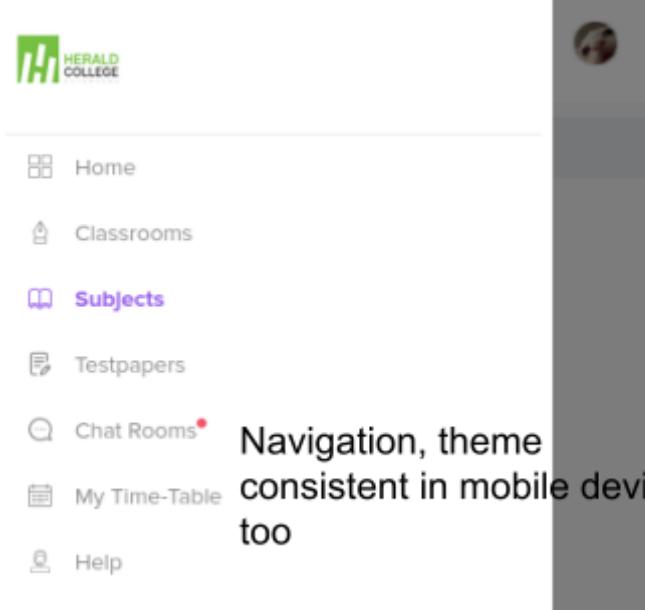
Consistency & Standards



The screenshot shows a search interface with the following elements:

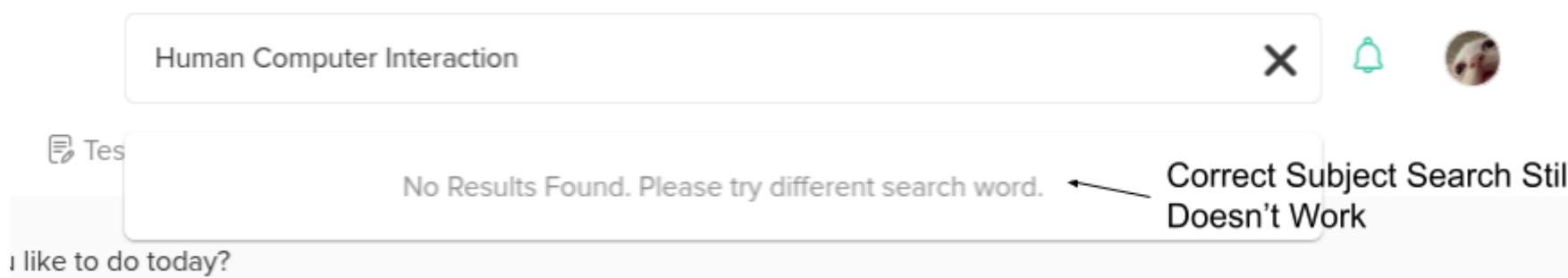
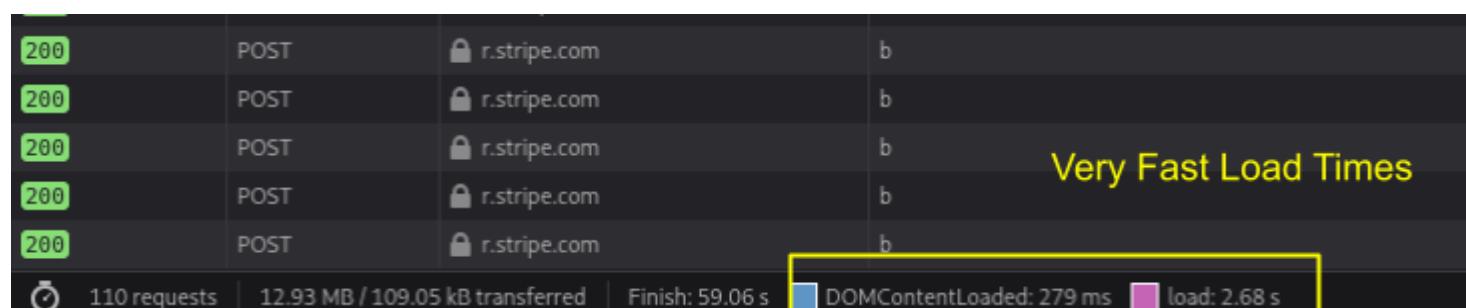
- Search Bar:** Human Computer Interaction
- Close Button:** X
- Notification Bell:** A green bell icon with a notification count of 1.
- User Profile:** A circular profile picture of a person.
- Search Results:**
 - Test:** A small icon followed by the text "Test".
 - No Results Found:** No Results Found. Please try different search word.
 - Note:** Correct Subject Search Still Doesn't Work (with an arrow pointing to the search results area).
 - Text Input:** I like to do today?

Overall, the platform aligns well with Consistency & Standards, maintaining a uniform design and following common conventions. However, issues like inconsistent browser undo/redo behavior, non-functional search, and duplicate icons need attention for better consistency.



Overall, the platform aligns well with User Control & Freedom, offering easy navigation, accessible settings, and no forced actions, with no notable improvements needed.

Flexibility & Efficiency



Overall, the platform performs well in terms of Speed & Efficiency with quick load times and minimal delays. However, improvements can be made by adding keyboard shortcuts, ensuring search functionality works, and providing customizable settings to enhance workflow.

Herald College Kathmandu

- [Home](#)
- [Classrooms](#)
- [Subjects](#)
- [Testpapers](#)
- [Chat Rooms](#)
- [My Time-Table](#)
- [Help](#)

Oops! Maybe you got lost. The page you were looking for doesn't exist.

[Take me to a safe place](#)



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[Testpapers](#) [Chat Rooms](#) [My Time-Table](#) [Help](#)

Input Validation

Full Name: SWOYAM POKHAREL

Nick Name: Z.

Email Address: NP03CS4S240026@heraldcollege.edu.np

This is your primary email address and will be used to send notification emails. [Change Email Address](#)

Nickname should not contain special characters. [Dismiss](#)

Max Image Size = 1 MB

Overall, the platform handles errors well by providing clear messages with actionable solutions.

Offer Simple Error Handling



Max Image Size = 1 MB

Full Name

Nick Name

Email Address

This is your primary email address and will be used to send notification emails. [Change Email Address](#)

Phone Number

Please enter a number.

Herald College Kathmandu 24/128

Location

[Save Changes](#)



Overall, the platform aligns well with Error Prevention, with input validation and no irreversible actions. However, adding a confirmation dialog for logging out would prevent accidental clicks.

Reduce Cognitive Load

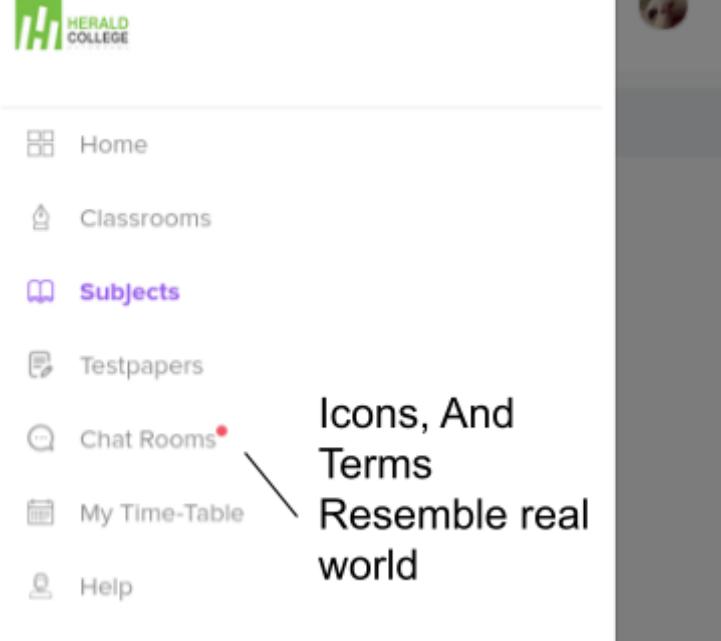
Herald College Kathmandu

[Home](#) [Classrooms](#) [Subjects](#) [Testpapers](#) [Chat Rooms*](#) [My Time-Table](#) [Help](#)

 Intuitive Icons

Full Name  Labels

Overall, the platform follows the principle of reducing cognitive load well, with clear icons, labels, and predictable navigation. A key improvement would be adding auto-fill and suggestion features in search to enhance usability.



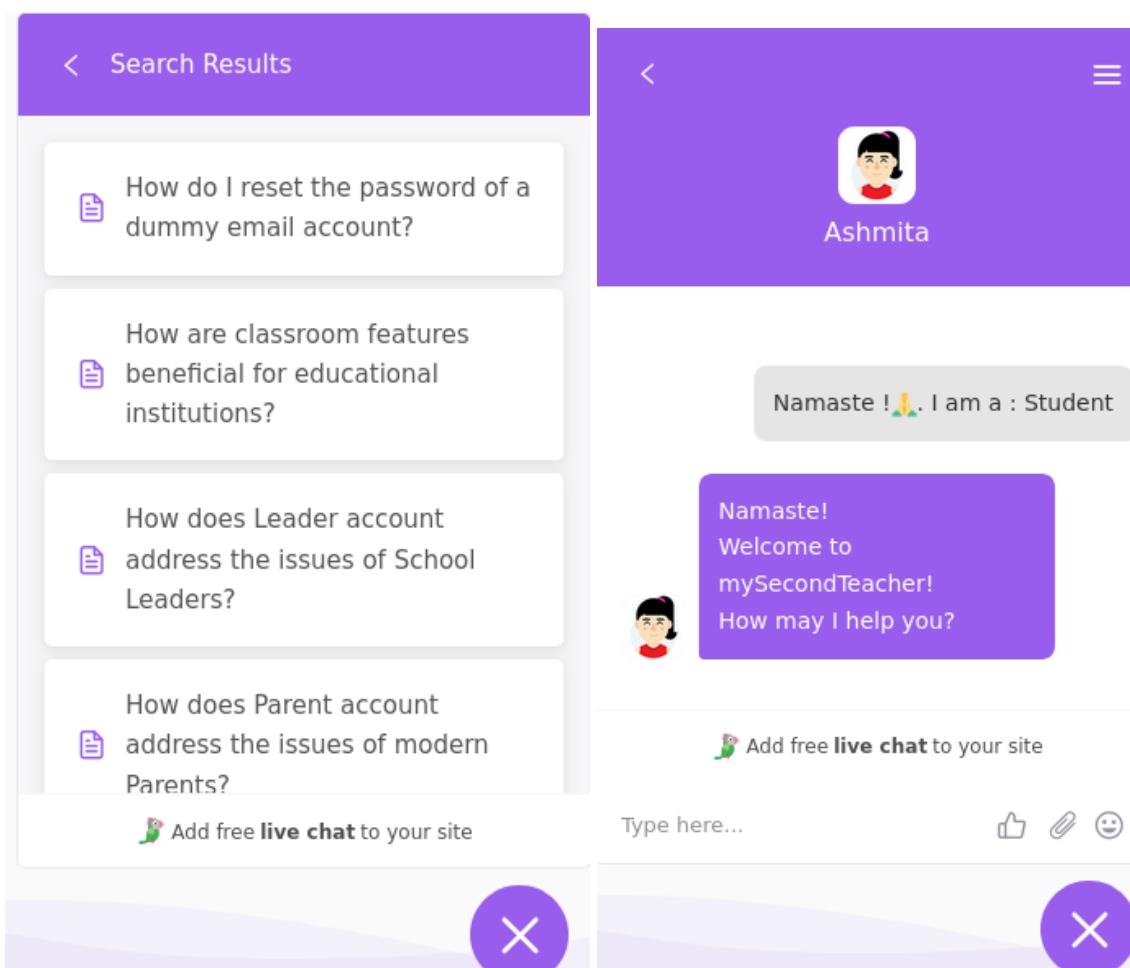
Overall, the platform aligns well with Match Between System & Real World, using familiar terms (like classrooms, subjects, and test papers) and intuitive icons that reflect real-world objects. The language is simple and user-friendly, avoiding technical words.

Error Prevention:



Overall, the platform provides clear notifications helping users understand mistakes. But, the lack of an auto-save feature increases the risk of data loss.

Help & Documentation



< Search Results

- How do I reset the password of a dummy email account?
- How are classroom features beneficial for educational institutions?
- How does Leader account address the issues of School Leaders?
- How does Parent account address the issues of modern Parents?

 Add free live chat to your site

Namaste !
Namaste! Welcome to mySecondTeacher!
How may I help you?

Add free live chat to your site

Type here...   

Overall, the platform provides easy access to help and documentation, with a searchable FAQ section and real-time communication with friendly human representatives. The guidance is clear, making it easy for users to get assistance when needed.

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[Home](#) [Classrooms](#) [Subjects](#) [Testpapers](#) [Chat Rooms](#) [My Time-Table](#) [Help](#)

Welcome **SWOYAM POKHAREL**, what would you like to do today?

 **Learn/Revise**
Click here if you want to learn something new, or revise something that you have already learned

 **Assignments and Contents**
Click here to get, submit, and/or review assignments or other contents that your teacher may have assigned to you

 **Socialise**
Click here to socialise with members of your community, including entering live video and text-chat sessions

 **Test Yourself**
Click here to assess how good you are, and identify areas of weakness so that you can directly work on those areas

[Notice Board](#) [Today's Task](#) [Upcoming Tasks](#)



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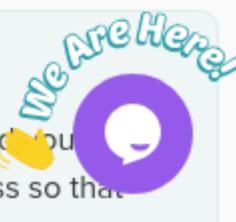
Welcome **SWOYAM POKHAREL**, what would you like to do today?

 **Learn/Revise**
Click here if you want to learn something new, or revise something that you have already learned

 **Assignments and Contents**
Click here to get, submit, and/or review assignments or other contents that your teacher may have assigned to you

 **Socialise**
Click here to socialise with members of your community, including entering live video and text-chat sessions

 **Test Yourself**
Click here to assess how good you are, and identify areas of weakness so that you can directly work on those areas



Overall, the design is clean, consistent across screen sizes, and free from clutter, aligning well with Aesthetic & Minimalism. Removing the "We Are Here" callout on mobile would further enhance simplicity.

3.2 Wikipedia

Consistency & Standards

From today's featured article



The [five-pound British gold coin](#) has been struck intermittently since 1820, but was issued as a circulation coin only in 1887, 1893 and 1902. Thro...
This section differs

Una and the Lion five-pound coin (1839)

Commemorative versions have been issued, such as in 2022, following the death of [Elizabeth II](#); this depicted her son and successor, [Charles III](#). ([Full article...](#))

Recently featured: [Pulgasari](#) • 2020 Seattle Sounders FC season • [Matthew Brettingham Archive](#) • [By email](#) • [More featured articles](#) • [About](#)

Did you know ...

- ... that the tenure of [Edmund C. Stanton](#) (pictured) as director of the Metropolitan Opera featured the first United States performance of Wagner's *Ring* cycle?
- ... that [Eurowhiteness](#) disputes the belief that the European Union "stands for diversity, inclusion and openness"?
- ... that [Hikaru Mori](#) and Megu Uyama became world champions in synchronized trampoline after training together for only a month?
- ... that the [Battle of Chunj](#) is the only battle in which a British soldier died in action for Pakistan?
- ... that pilot-induced oscillations on board [Olympic Airways Flight 3838](#) killed seven people, including Greek deputy foreign minister [Giannis Kranidiotis](#)?
- ... that [Soepojo Padmodipoetro](#), despite being the highest administrator of Gadjah Mada University, could not attend its meetings?
- ... that a [search engine for pirated books](#) has been used to train large language models?
- ... that "Plaza", a recognized Basque surname, comes from the Spanish language?
- ... that the [rock stonecrop](#) can go in a soup as well as on a roof?

[Archive](#) • [Start a new article](#) • [Nominate an article](#)

In the news

- In Pakistan, a train hijacking by the Balochistan Liberation Army leaves at least 71 people dead.
- Former president of the Philippines Rodrigo Duterte (pictured) is arrested on the basis of an International Criminal Court warrant charging him with crimes against humanity.
- Intuitive Machines' *Athena* lands on the Moon at an incorrect angle and unable to complete its mission.
- In computing, [Andrew Barto](#) and [Richard Sutton](#) are awarded the Turing Award for their work on reinforcement learning.

Ongoing: M23 campaign • Russian invasion of Ukraine (timeline) • Sudanese civil war (timeline)
Recent deaths: Junior Bridgeman • Marc Neil-Jones • Athol Fugard • Brad Sigmon • Jean-Louis Pichon • Art Schallock

Nominate an article

On this day

March 14: Sikh New Year's Day; White Day in parts of East Asia; Purim (Judaism, 2025); Pi Day

- 1309 – On Eid al-Fitr, the citizens of Granada stormed palaces in the city, deposing Sultan [Muhammad III](#) and placing his half-brother [Nasr](#) on the throne.
- 1864 – The *Petite messe solennelle* by Gioachino Rossini (pictured) was first performed in Paris, 34 years after his retirement as a composer.
- 1931 – *Alam Ara*, the first Indian sound film, premiered at the Majestic Cinema in Bombay.
- 1988 – China defeated Vietnam in a naval altercation while attempting to establish oceanographic observation posts on the Spratly Islands.
- 2021 – The Burmese military and police forces killed at least 65 civilians during the [Hlaingthaya massacre](#) in Yangon, including those protesting a recent coup d'état.

[Albert Einstein](#) (b. 1879) • [Zita of Bourbon-Parma](#) (d. 1989) • [Piri](#) (b. 1999) • [Ieng Sary](#) (d. 2013)

More anniversaries: [March 13](#) • [March 14](#) • [March 15](#)

[Archive](#) • [By email](#) • [List of days of the year](#) • [About](#)

Overall, Wikipedia largely has followed consistent design principles. However, minor inconsistencies in layout for different types of content it presents.

A 11 languages ▾

Read Edit View history Tools ▾

Appearance hide

Text

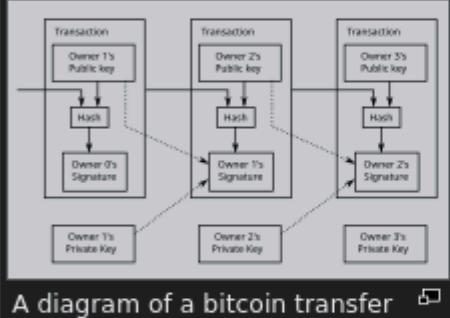
Small
 Standard
 Large

Width

Standard
 Wide

Color (beta)

Automatic
 Light
 Dark

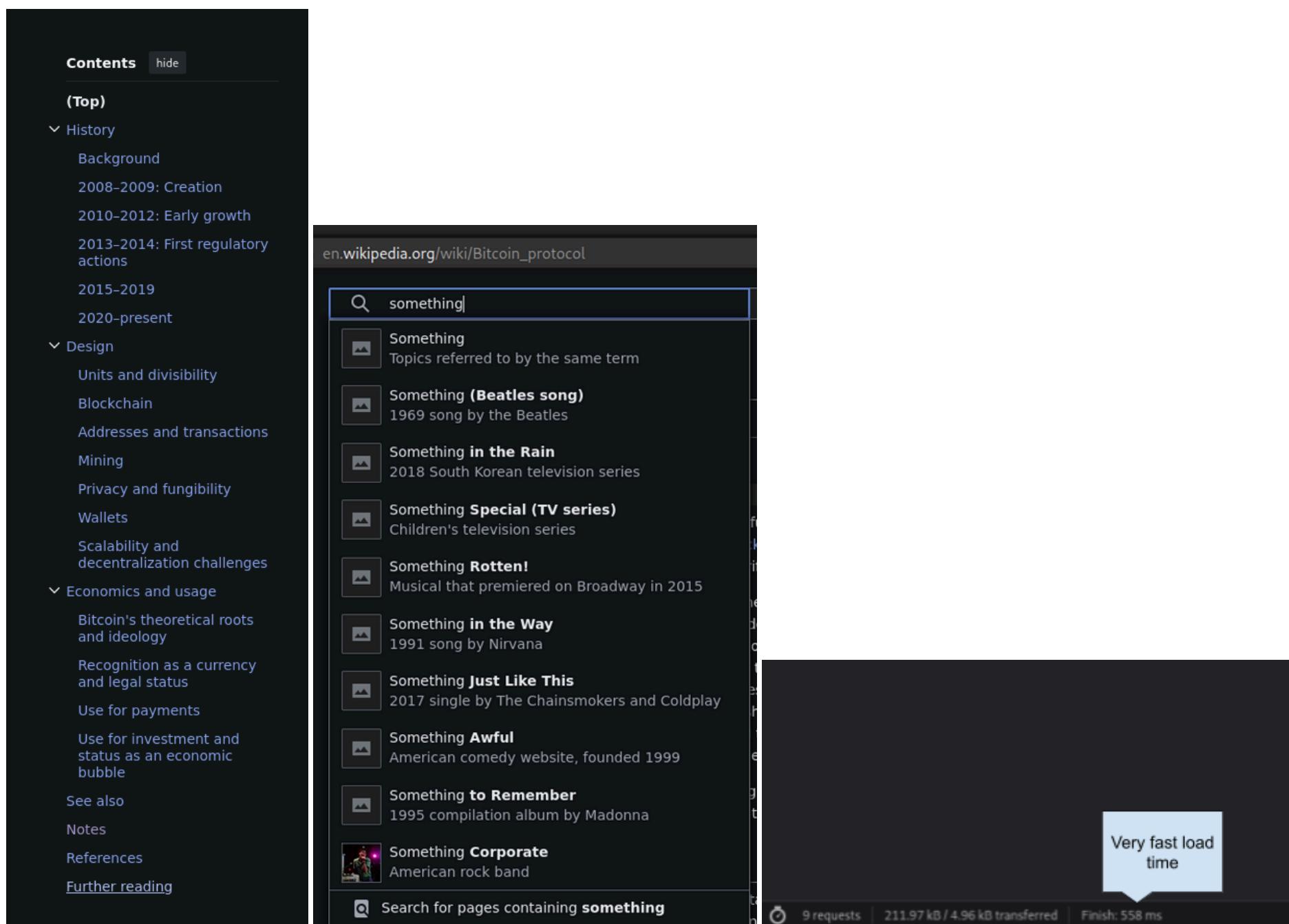


A diagram of a bitcoin transfer

here is a dispute, then the longest
other digital currencies and

Overall, Wikipedia has good navigation, with browser back/forward support, and multilingual pages in Wikipedia. Users can access its accessible preferences, as well as adjust their text size, page width, and colors to make reading easier. However, there are no built in undo/redo for text edits, this limits options for the user to quickly undo/redo.

Flexibility & Efficiency



The screenshot shows the Wikipedia search results for the query "something". The results are as follows:

- Something - Topics referred to by the same term
- Something (Beatles song) - 1969 song by the Beatles
- Something in the Rain - 2018 South Korean television series
- Something Special (TV series) - Children's television series
- Something Rotten! - Musical that premiered on Broadway in 2015
- Something in the Way - 1991 song by Nirvana
- Something Just Like This - 2017 single by The Chainsmokers and Coldplay
- Something Awful - American comedy website, founded 1999
- Something to Remember - 1995 compilation album by Madonna
- Something Corporate - American rock band

A callout bubble in the bottom right corner of the screenshot says "Very fast load time".

Overall, Wikipedia performs well in terms of speed and efficiency, with fast load times and well thought out navigation. However, it lacks shortcuts and customization features that would enhance the experience for more advanced users.

Offer Informative Feedback

WIKIPEDIA The Free Encyclopedia

Search Wikipedia

Search

Search results

Search dasfgkdahsd

Advanced search: Sort by relevance

Search in: Article

There were no results matching the query.

The page "Dasfgkdahsd" does not exist. You can [create a draft and submit it for review](#) or request that a redirect be created.

re concepts of existence in ontology, contrasting with the concept of nothing. Bo

ddress:

are co A **concept** is an abstract idea that serves as a foundation for more concrete principles, thoughts, and beliefs.

the op Concepts play an important role in all aspects of cognition. As such, concepts are studied within such disciplines as linguistics, psychology, an

ce an

wheth

nd an

edit]

Quantification

scribed in layman's terms as "something" can more specifically be regarded as a

en.wikipedia.org/wiki/Main_Page

WIKIPEDIA The Free Encyclopedia

Search Wikipedia

Search

Bitcoin protocol

11 languages

Read Edit View history Tools

Appearance

Text

Small (radio button selected)

Standard

Large

Width

Contents

(Top)

Blockchain

Transactions

Mining

Difficulty and mining pools

Environmental effects

From Wikipedia, the free encyclopedia

For broader coverage of this topic, see [Bitcoin](#).

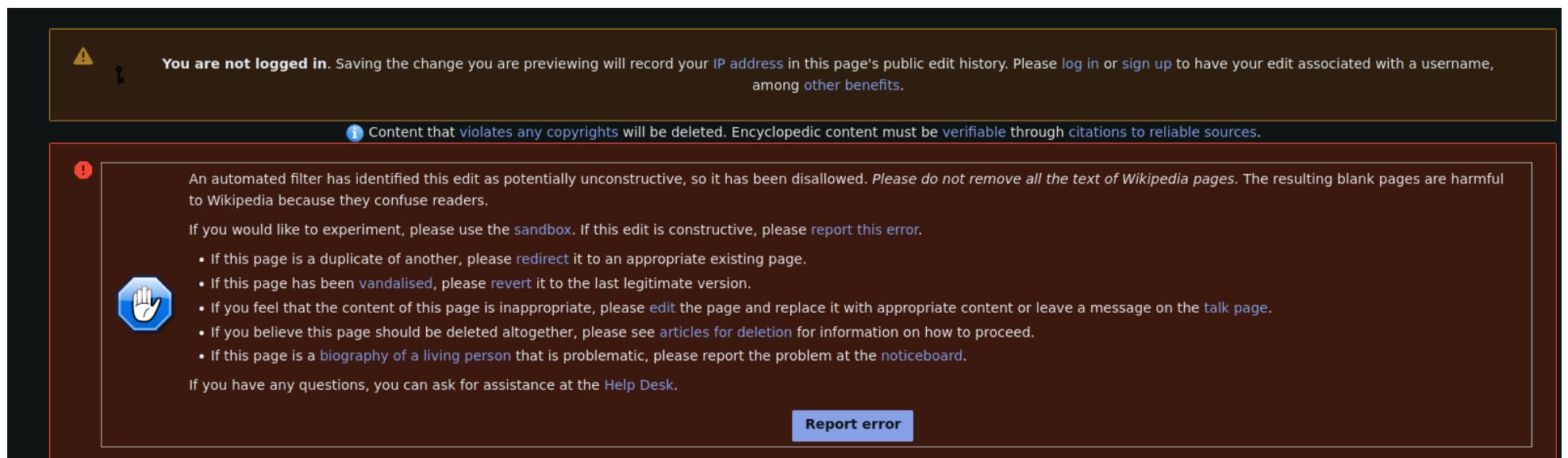
The **bitcoin protocol** is the set of rules that govern the functioning of bitcoin. Its key components and principles are: a peer-to-peer decentralized network with no central oversight; the **blockchain** technology, a public ledger that records all bitcoin transactions; mining and proof of work, the process to create new bitcoins and verify transactions; and cryptographic security.

Users broadcast cryptographically signed messages to the network using bitcoin cryptocurrency wallet software. These messages are proposed to miners who add them to the next block and broadcast it to the network. Miners compete to find the first one to do so, and are rewarded with bitcoins.

The Page Breaks Down when switching in slow networks

Overall, Wikipedia provides good feedback by intuitive hover responses, and offers clear feedback for unavailable actions. Furthermore, it doesn't have a status indicator when switching pages.

Offer Simple Error Handling



You are not logged in. Saving the change you are previewing will record your IP address in this page's public edit history. Please log in or sign up to have your edit associated with a username, among other benefits.

Content that violates any copyrights will be deleted. Encyclopedic content must be verifiable through citations to reliable sources.

An automated filter has identified this edit as potentially unconstructive, so it has been disallowed. *Please do not remove all the text of Wikipedia pages.* The resulting blank pages are harmful to Wikipedia because they confuse readers.

If you would like to experiment, please use the sandbox. If this edit is constructive, please report this error.

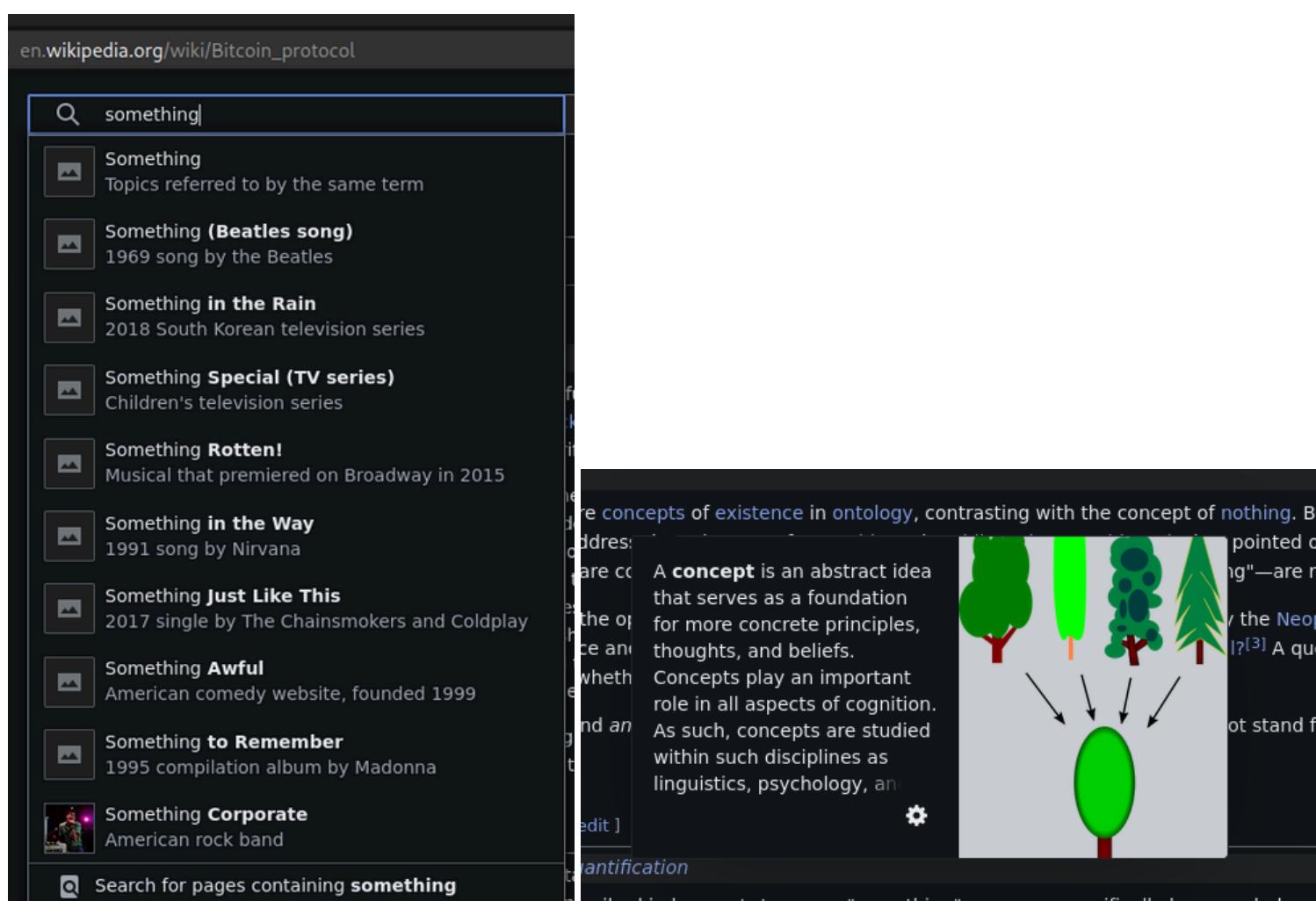
- If this page is a duplicate of another, please redirect it to an appropriate existing page.
- If this page has been vandalised, please revert it to the last legitimate version.
- If you feel that the content of this page is inappropriate, please edit the page and replace it with appropriate content or leave a message on the talk page.
- If you believe this page should be deleted altogether, please see articles for deletion for information on how to proceed.
- If this page is a biography of a living person that is problematic, please report the problem at the noticeboard.

If you have any questions, you can ask for assistance at the Help Desk.

[Report error](#)

Overall, Wikipedia does well in preventing errors by requiring confirmation for major edits and using input validation. However, it lacks warnings when leaving an unfinished edit or deleting large content, which could lead to accidental mistakes.

Reduce Cognitive Load



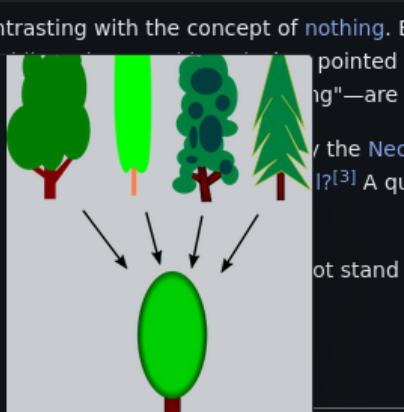
en.wikipedia.org/wiki/Bitcoin_protocol

Search: something

- Something Topics referred to by the same term
- Something (Beatles song) 1969 song by the Beatles
- Something in the Rain 2018 South Korean television series
- Something Special (TV series) Children's television series
- Something Rotten! Musical that premiered on Broadway in 2015
- Something in the Way 1991 song by Nirvana
- Something Just Like This 2017 single by The Chainsmokers and Coldplay
- Something Awful American comedy website, founded 1999
- Something to Remember 1995 compilation album by Madonna
- Something Corporate American rock band

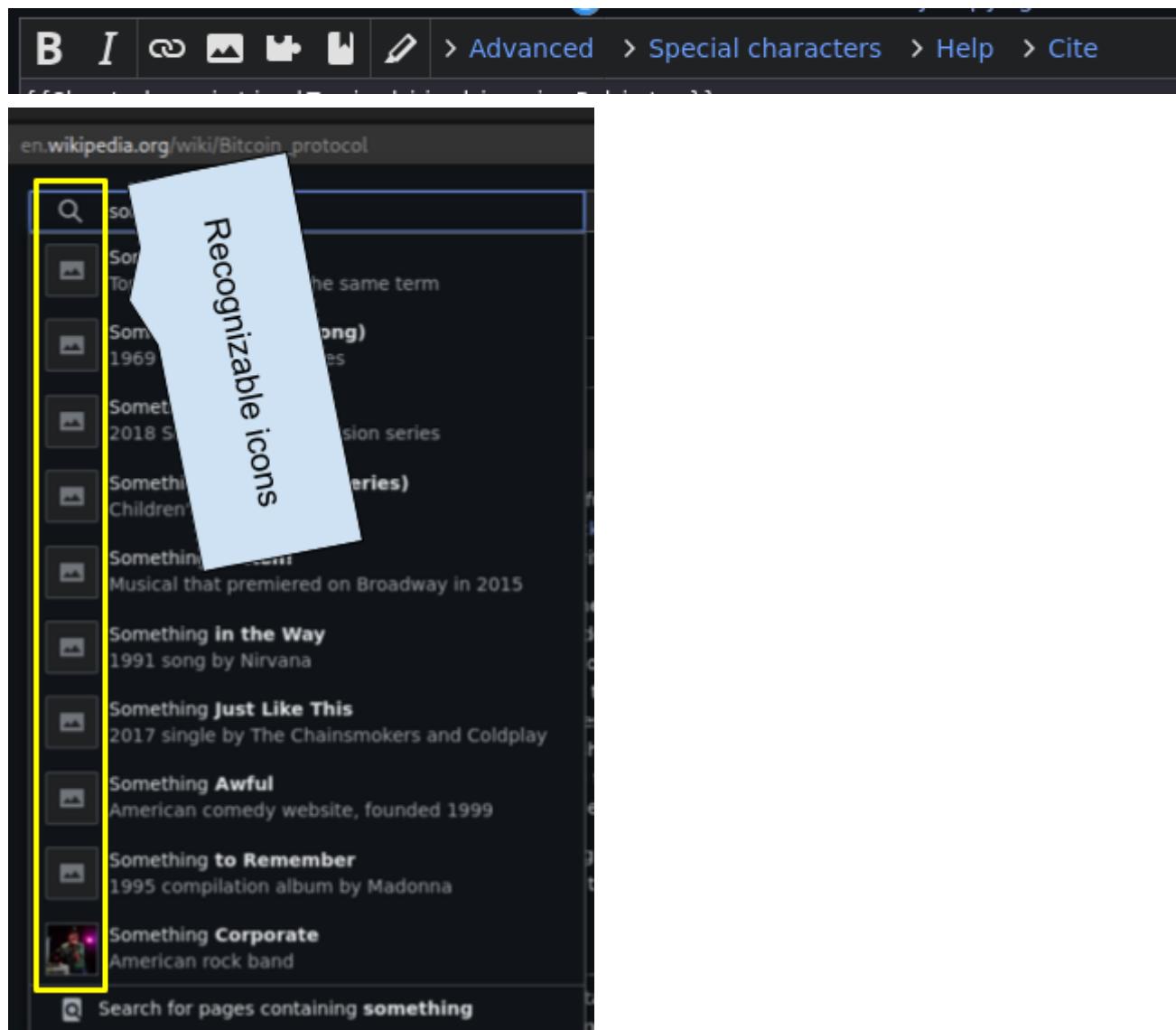
Search for pages containing something

The concepts of existence in ontology, contrasting with the concept of nothing. Both are co... A **concept** is an abstract idea that serves as a foundation for more concrete principles, thoughts, and beliefs. Concepts play an important role in all aspects of cognition. As such, concepts are studied within such disciplines as linguistics, psychology, an...

A diagram showing several green trees of different types and sizes. Arrows point from each tree to a central, larger green oval, representing how multiple specific instances (trees) can be categorized under a single abstract concept (the oval).

Overall, Wikipedia does a good job of reducing cognitive load by making content easy to navigate and search, and intuitive hover feedback. However, readability could be made better with better spacing.

Match Between System & Real World



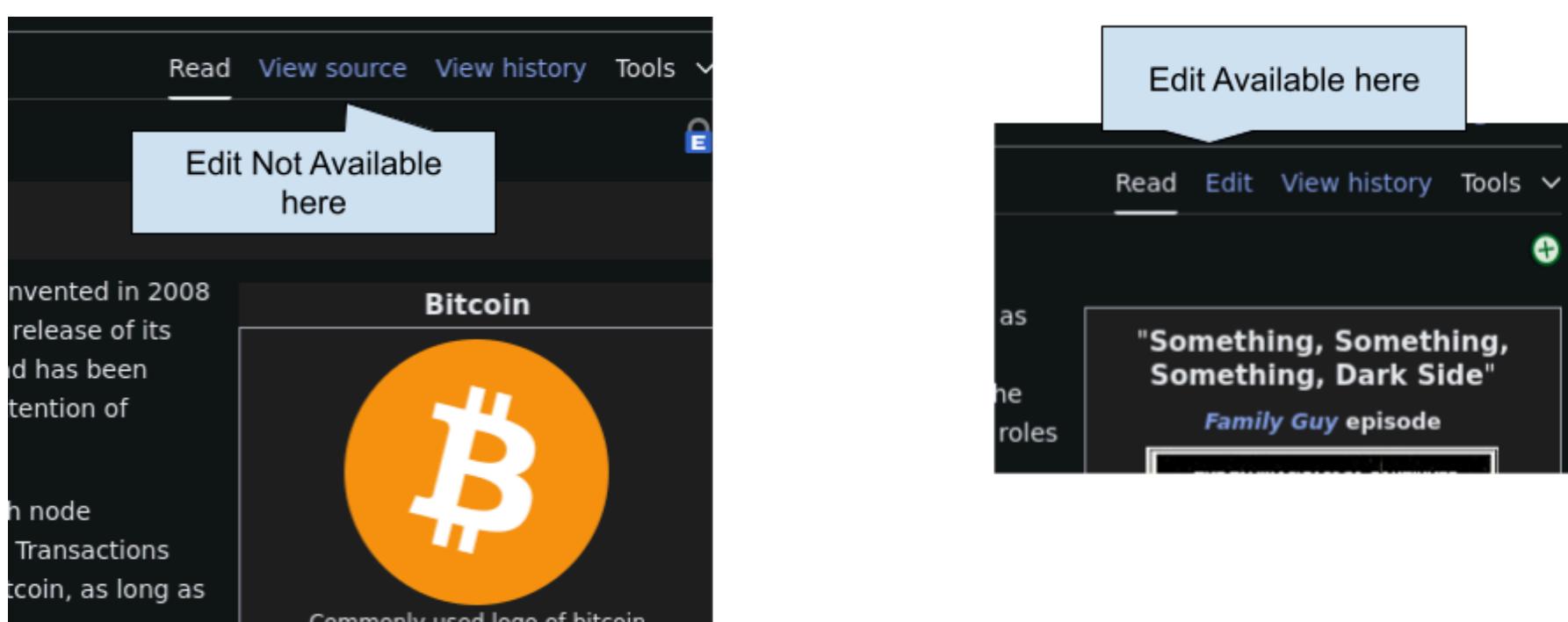
The screenshot shows a Wikipedia page for "Bitcoin protocol". A sidebar on the left lists various "Something" entries, each preceded by a small icon. A yellow box highlights the first few items in the list:

- Something (disambiguation)
- Something (TV series) (the same term)
- Something (song)
- Something (1969)
- Something (1980s)
- Something (2018 TV series)
- Something (series)
- Something (Children's book)
- Something (2015 musical)
- Something in the Way**
1991 song by Nirvana
- Something Just Like This**
2017 single by The Chainsmokers and Coldplay
- Something Awful**
American comedy website, founded 1999
- Something to Remember**
1995 compilation album by Madonna
- Something Corporate**
American rock band

A large white box with the text "Recognizable icons" is overlaid on the sidebar area.

Overall, Wikipedia generally aligns well with real-world metaphors and uses simple, recognizable icons. However, some specialized topics may require a more simplified approach for wider understanding, especially on more technical articles.

Error Prevention



The image contains two side-by-side screenshots of Wikipedia pages.

Left Screenshot: The page is titled "Bitcoin". It features a large orange circle containing a white Bitcoin symbol. To the left of the circle, there is a text box with the following content:

```

invented in 2008
release of its
d has been
tention of
h node
Transactions
tcoin, as long as

```

An "Edit" button is located above the text box. A blue box highlights the text "Edit Not Available here".

Right Screenshot: The page is titled "Something, Something, Something, Dark Side". It contains the following text:

```

as
he
roles

```

An "Edit" button is located above the text. A blue box highlights the text "Edit Available here".

Bitcoin: Revision history

[Article](#)
[Talk](#)
[Read](#)
[View logs for this page \(view filter log\)](#)
[View source](#)
[View history](#)
[Tools](#)

Filter revisions

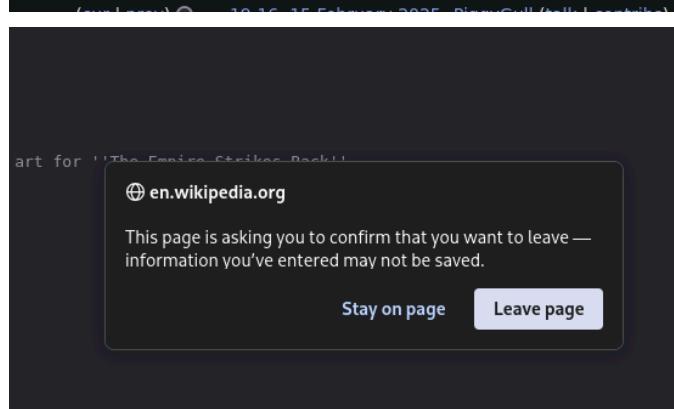
External tools: [Find addition/removal](#) (Alternate) • [Find edits by user](#) (Alternate) • [Page statistics](#) • [Pageviews](#) • [Fix dead links](#)

For any version listed below, click on its date to view it. For more help, see [Help:Page history](#) and [Help>Edit summary](#). (cur) = difference from current version, (prev) = difference from preceding version, m = minor edit, → = section edit, ← = automatic edit summary

(newest | oldest) View (newer 50 | older 50) (20 | 50 | 100 | 250 | 500)

Compare selected revisions

- (cur | prev) [23:51, 13 March 2025](#) **AVDLCZ** (talk | contribs) ... (112,443 bytes) (0) ... (*Changed currency units to lowercase (bitcoins, millibitcoin, microbitcoin, satoshi) as "official" in a decentralized protocol.*)
- (cur | prev) [23:47, 13 March 2025](#) **AVDLCZ** (talk | contribs) ... (112,443 bytes) (-1) ... (*Changed logo image title to "Commonly used logo of bitcoin" to get rid of the phrase "official logo". There's no such thing as "official" in a decentralized protocol.*)
- (cur | prev) [17:47, 12 March 2025](#) Person by the Tuatmark (talk | contribs) ... (112,444 bytes) (+246) ... (*Expanded bare URL*)
- (cur | prev) [09:41, 11 March 2025](#) Alexander Davronov (talk | contribs) ... (112,198 bytes) (+34) ... (*→Scalability and decentralization challenges: Main article*) (*Tag: Visual edit*)
- (cur | prev) [08:33, 10 March 2025](#) A455bcd9 (talk | contribs) ... (112,164 bytes) (+279) ... (*→2020-present*) (*Tag: 2017 wikitext editor*)
- (cur | prev) [09:31, 8 March 2025](#) Person by the Tuatmark (talk | contribs) ... (111,885 bytes) (+336) ... (*Replaced source (Washington Post article cites this Pew survey)*)
- (cur | prev) [06:59, 8 March 2025](#) Thereisnous (talk | contribs) ... (111,549 bytes) (+229) ... (*→Use for investment and status as an economic bubble: a Pew Research Center poll*)
- (cur | prev) [22:04, 3 March 2025](#) GrafiXal (talk | contribs) **m** ... (111,320 bytes) (+2) ... (*a bit of rephrasing at the lead section to make it shorter and, arguably, sound better*) (*Tags: Visual edit, Mobile edit, Mobile web edit, Advanced mobile edit*)



Overall, Wikipedia does good in this law, by preventing editing on important articles. Furthermore, it has a revision history to revert back if needed. It requires confirmation before leaving with unsaved edits to prevent accidental data loss. However, it lacks real time warnings or error checks when writing.

Help & Documentation:

 WIKIPEDIA
The Free Encyclopedia

Search Wikipedia

[Donate](#) [Create account](#) [Log in](#)

[55 languages](#)

[Skip to bottom](#)

[Appearance](#)

Small
 Standard
 Large
 Standard
 Wide
 Color (beta)
 Automatic
 Light
 Dark

Wikipedia:Help desk

[Contents](#) [hide](#)

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For other types of questions, use the search box, see the reference desk or Help:Contents. If you have comments about a specific article, use that article's talk page.

Do not provide your email address or any other contact information. Answers will be provided on this page only.

If your question is about a Wikipedia article, draft article, or other page on Wikipedia, tell us what it is!

Check back on this page to see if your question has been answered.

For real-time help, use our IRC help channel, #wikipedia-en-help.

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en.wikipedia.org/wiki/Wikipedia:Help_desk

A
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Search how to cit|

-  **Wikipedia:Citing Wikipedia**
Project page
-  **How To with John Wilson**
American documentary comedy series
-  **How to Cut and Paste Mix Tape Vol.2**
Compilation album
-  **How to Ditch Your Fairy**
2008 young adult novel by Justine Larbalestier
-  **Gigi Perez**
American singer-songwriter (born 2000)
-  **List of Walt Disney Animation Studios short films**
-  **How to Cut and Paste Mix Tape Vol.1**
Compilation album by DJ Yoda
-  **Lost River (film)**
2014 film by Ryan Gosling
-  **DJ Yoda**
British turntablist (b. 1977)

Overall, the platform provides easy access to help and documentation, with a searchable FAQ section and very well made and comprehensive guides on “how to do x” in the platform itself. The guidance is clear, making it easy for users to get assistance when needed.

Aesthetic & Minimalism:

WIKIPEDIA
The Free Encyclopedia

English 6,964,000+ articles **Rусский** 2 032 000+ статей **Deutsch** 2.995.000+ Artikel
Español 2.015.000+ artículos **Français** 2 670 000+ articles **Italiano** 1.907.000+ voci
Português 1.145.000+ artigos **فارسی** +۱۰۰۰۰۰ مقاله ...

EN

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 Wikisource Free content library  Wikispecies Free species directory  Wikifunctions Free function library
 Meta-Wiki Community coordination &

The screenshot shows the main Wikipedia homepage. At the top, there is a search bar with the placeholder "Search Wikipedia" and a "Search" button. Below the search bar, the "Main Page" and "Talk" buttons are visible. The "Welcome to Wikipedia" banner is displayed, stating "the free encyclopedia that anyone can edit." It also mentions "126,491 active editors • 6,966,104 articles in English".

From today's featured article:

The featured article is about the **five-pound British gold coin**. It includes a circular image of the coin featuring Una and the Lion. The text describes its history, mentioning it was first struck in 1820 and has been used as a circulation coin since 1887, 1893, and 1902. It also notes its depiction of Saint George and the Dragon.

In the news:

- In Pakistan, a **train hijacking** by the Balochistan Liberation Army leaves at least 71 people dead.
- Former president of the Philippines **Rodrigo Duterte** (*pictured*) is arrested on the basis of an International Criminal Court warrant charging him with crimes against humanity. A portrait of Rodrigo Duterte is shown.
- Intuitive Machines' **Athena** lands on the Moon at an incorrect angle and is unable to complete its mission.
- In computing, **Andrew Barto** and **Richard Sutton** are awarded the Turing Award for their work on reinforcement learning.

Ongoing: M23 campaign • Russian invasion of Ukraine (timeline)
Recent deaths: Junior Bridgeman • Marc Neil-Jones • Athol Fugard • Brad Sigmon • Jean-Louis Pichon • Art Schalock

On this day:

March 14: **Sikh New Year's Day; White Day** in parts of East Asia; **Purim** (Judaism, 2025); **Pi Day**

- 1309 – On **Eid al-Fitr**, the citizens of Granada stormed palaces in the city, deposing Sultan **Muhammad III** and placing his half-brother **Nasr** on the throne. A portrait of Muhammad III is shown.
- 1864 – The **Petite messe solennelle** by Gioachino Rossini (*pictured*) was first performed in Paris, 34 years after his death. A portrait of Gioachino Rossini is shown.

Appearance: hide
Text: Small (radio button), Standard (radio button selected), Large (radio button)
Width: Standard (radio button selected), Wide (radio button)
Color (beta): Automatic (radio button), Light (radio button), Dark (radio button selected)

Overall, Wikipedia prioritizes function over aesthetics, maintaining a consistent, but cluttered design. A more responsive layout, improved spacing and better visual hierarchy could enhance usability without sacrificing the density of information.

4. Conclusion

In summary, both platforms, MST and Wikipedia, exhibit strengths and areas for improvement across several usability principles. The website demonstrates good adherence to standards and offers effective navigation, clear error prevention, and good user control. However, issues like inconsistent search functionality and browser undo/redo behavior hinder its overall usability. Similarly, while Wikipedia excels in providing accessible information and speedy navigation, its design could benefit from improvements in spacing and real-time feedback features.

By addressing key pain points, such as enhancing search functionality, adding keyboard shortcuts, and improving visual design elements, both platforms could elevate their user experience, making it more intuitive and user-friendly.

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