Unit 6 Website Development

Assignment 1

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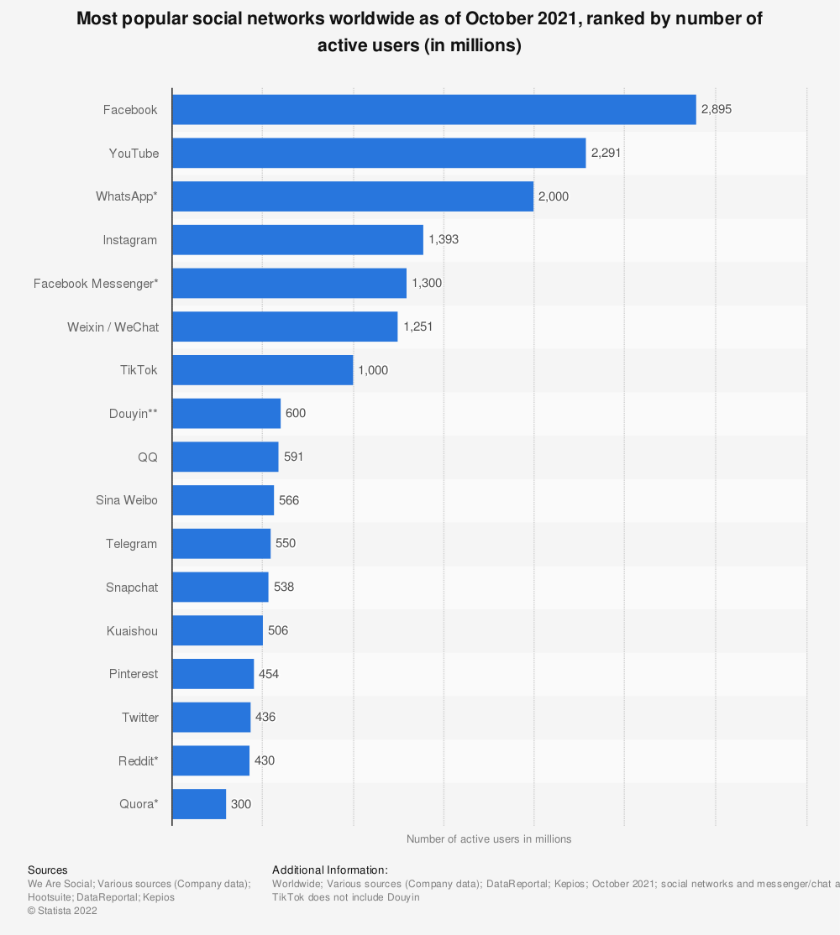
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# Introduction

Throughout this assignment I will be discussing two different websites, Facebook and Twitter, and describing how they differ, comparing them based on different points such as usability, layout, navigation, content, readability, typography, accessibility, consistency and many more. These sites will be compared, analysed, and evaluated in order to determine how well they operate under the principles of website design in order to produce a fully functional and smooth experience for the user.

The different parts of Facebook and Twitter will be checked against the following criteria:  
Usability: The ease of use of a website, and how user friendly it is.  
Readability: How easy it is to read the content of the website, with references to text colour and contrast.  
Accessibility: Whether websites are developed in a way to ensure all users have equal access to information.  
Layouts: How the site is organised and how content is spread across a site.  
Navigation: How easy it is for users to navigate easily on the website.  
Typography: The font used on websites, and how clear and legible they are.  
Consistency/Intuitiveness: How consistent websites are and following similar patterns.  
Content: The content of the website, such as text, graphics, media, and other interactive elements, as well as things such as an API.  
Media: The media content a website includes, such as videos, images, flash games, ect.

# Facebook

 Facebook is a social media giant, remaining at the forefront of social media and is one of the most used websites, while also being the most used social media website by roughly 600 million users (Statista Research Department, 2022).

Chart, bar chart

Description automatically generatedFacebook, being a social media platform, its primary purpose, for users, is to allow them to connect and interact with each other online, while also allowing users to view content for different pages they might follow, post their own content and statuses, as well as small games that the website supports - this last feature is unique to Facebook. Facebooks target audience are those in their mid-20’s to mid-30’s, as this is the most active age group on Facebook by about 6% for males, and 3% for females.

When loading Facebook, users are presented with their homepage with presents users with an opportunity to browse their latest feed, upload their own statuses, and comment and like on different posts. Graphical user interface, application

Description automatically generated

It has the option of quickly accessing chats on the right, which is convenient for the user and short cuts to different things like games on the left.

## Usability

The usability of Facebook has been highly optimised since its release in 2004, with Facebook being supported on a multitude of browsers, and available on other browsers that are not openly supported. Some examples of the browsers supported by Facebook include Google Chrome, Mozilla Firefox, Safari, and Microsoft Edge. (Facebook, 2022)

The different browsers load Facebook as shown below:

Google Chrome

Graphical user interface, text, application, chat or text message

Description automatically generated

Microsoft Edge

A screenshot of a computer

Description automatically generated with medium confidence

Mozilla Firefox

A screenshot of a computer

Description automatically generated with medium confidence

Safari

Graphical user interface, text, email, website

Description automatically generated

Across all the sites, they load all quickly and without an issue once the user is logged in and presents a smooth experience for the user to browse freely.

This also leads into another website design principle:

## Consistency

Across multiple browsers, Facebook remains consistent, with its design and layout remaining the same, as seen in the screenshots above. This is key as consistency in websites leads to users developing a sense of comfort and stability on the website, no matter what browser is being used.

It is important to note that the example using safari was done with an incomplete account and would otherwise load the same as all the other browsers, as seen here.

Graphical user interface, application, Teams

Description automatically generated

(Fix, 2022)

## Accessibility

Facebook has several accessibility options available to all users. These are made very clear to the user through a simple google search about them, upon which it brings users to a page all about the available options.

Graphical user interface, text, application

Description automatically generated

These options include:

* Keyboard shortcuts
* Screen readers
* Voiceover technology
* Closed captions (Subtitles) on videos
* Text size
* Text contrast

These options are shown as below.

Keyboard shortcuts  
Text, letter, email

Description automatically generated

The keyboard shortcuts allow users to navigate without the use of a mouse and solely a keyboard.

Screen readers

Text

Description automatically generated with medium confidence

The screen readers allow for those with visual impairments that prevent them from seeing the website, navigate it and access it without the use of their eyes.

Subtitles

Text

Description automatically generated

Subtitles enable users to watch videos and understand the content without having to hear or listen to them, which can greatly help users that struggle with hearing disabilities and issues.

Text size and text contrast

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

These adjustments enable users to see things more clearly that they might not have been able to see and can help users who might have issues with differentiating colours, such as those who are colour blind.

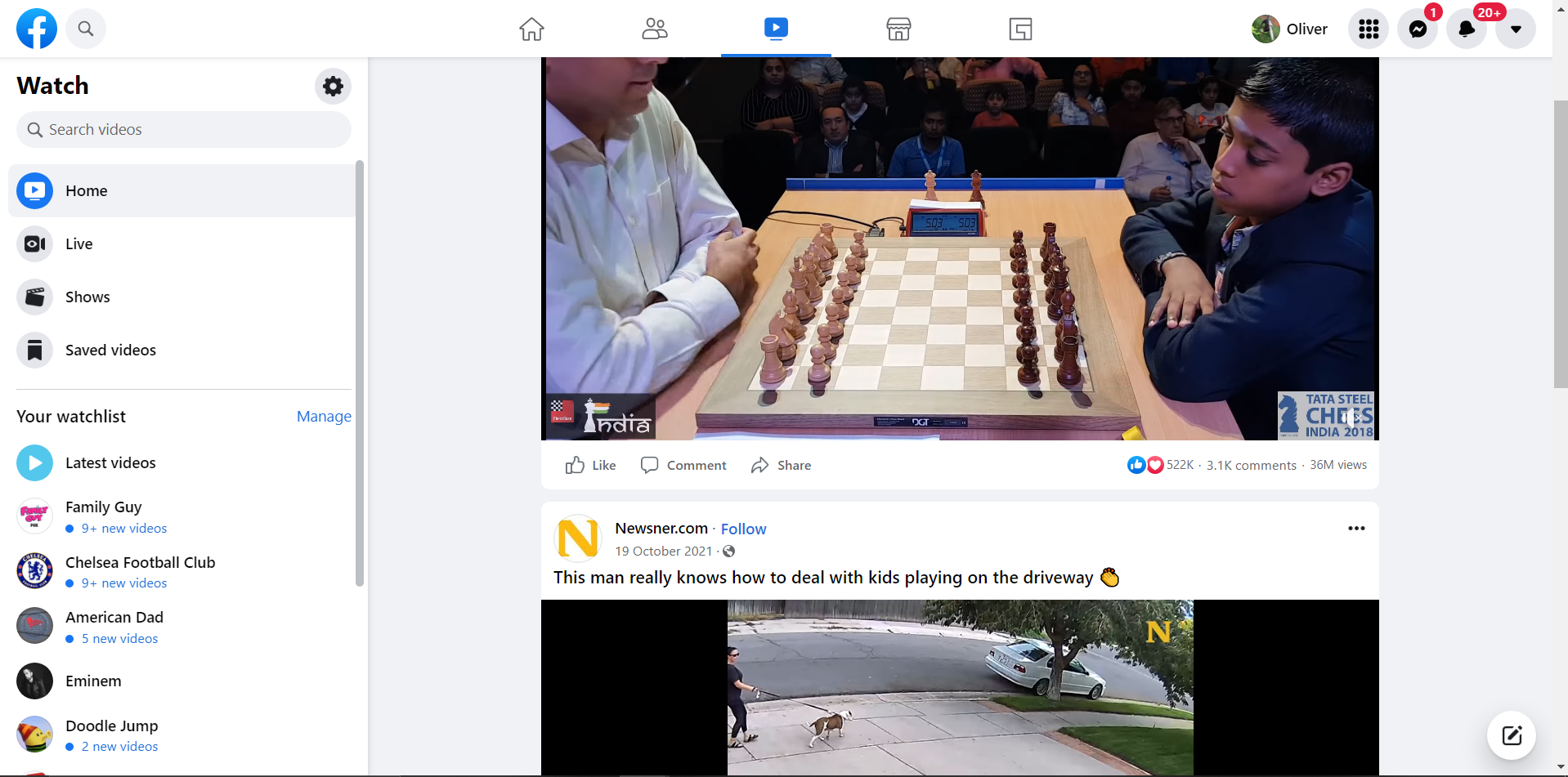
## Layout

The layout of the Facebook website remains clear and uncluttered. This is crucial as having a simpler design where the content of the website and elements of it are spread out and easy to differentiate significantly boost user experience and mean a higher chance of users coming back to reuse the site.

Graphical user interface, text, application, chat or text message

Description automatically generated

The overall layout of Facebook remains simple, with things clearly either labelled or displayed with symbols that are easy to infer and understand, like the TV screen displaying videos, and the shortcuts and contacts clearly labelled on the sides. The content of the actual home feed is clearly separated from the sides using white space, to avoid making the site look more cluttered and giving the user a more pleasant experience using the site.



Even when switching to another tab, such as the videos side of the page, the style remains the same and the layout consistently used across it. The shortcuts on the left side remain separated from the centred media content which utilises white space for a clean and pristine appearance with a minimalistic style.

## Readability

Facebook has a clearly visible distinction between the background and any text, remaining contrasted through black and white, black and grey, or grey and white, all colours that are very easy to differentiate and Facebook makes them easy to separate from each other which allows the user to read without struggle.



As seen in the highlighted parts of the image, there is a large contrast between the different colours of text and the background, from grey on the left and top right against grey, to the black against the white in the feed in the middle. The white of the feed also helps to separate the “white space” or rather grey space, from the actual feed and is much easier on the users’ eyes.

The font size of Facebook text is also relatively large, helping those with glasses be able to see and generally lessen the struggle of the user. In addition to this, as previously mentioned, it is possible to change the font size and type of Facebook, which can increase readability and consistency for the user.

## Navigation

Facebooks website navigation is clear and easy to see, with different tabs available at the top for the user to switch between depending on their destination, and inside of the home page, there are clearly defined sections, such as shortcuts which lead to games or specific Facebook pages, or contacts on the right – which clearly shows the different people the user has added and is able to message with just the click of a button.

This clear and simple navigation remains consistent throughout and is obvious/intuitive to the user, meaning it is very easy for the user to learn the functions and smoothly manoeuvre the website.

The symbols in the top right are also available for the user to use, and lead to other sections of the site, such as opening the messages, or the menu section of the site, which drops down and is accessible like that.

Graphical user interface, text, application

Description automatically generated

## Typography

Facebook uses “Helvetica” and “Arial” primarily.

Text

Description automatically generated

As seen above, the font style “Helvetica” is very simple and does not have any flair to it, which makes it ideal as a font for Facebook, as it will be very user friendly and accessible.

Text

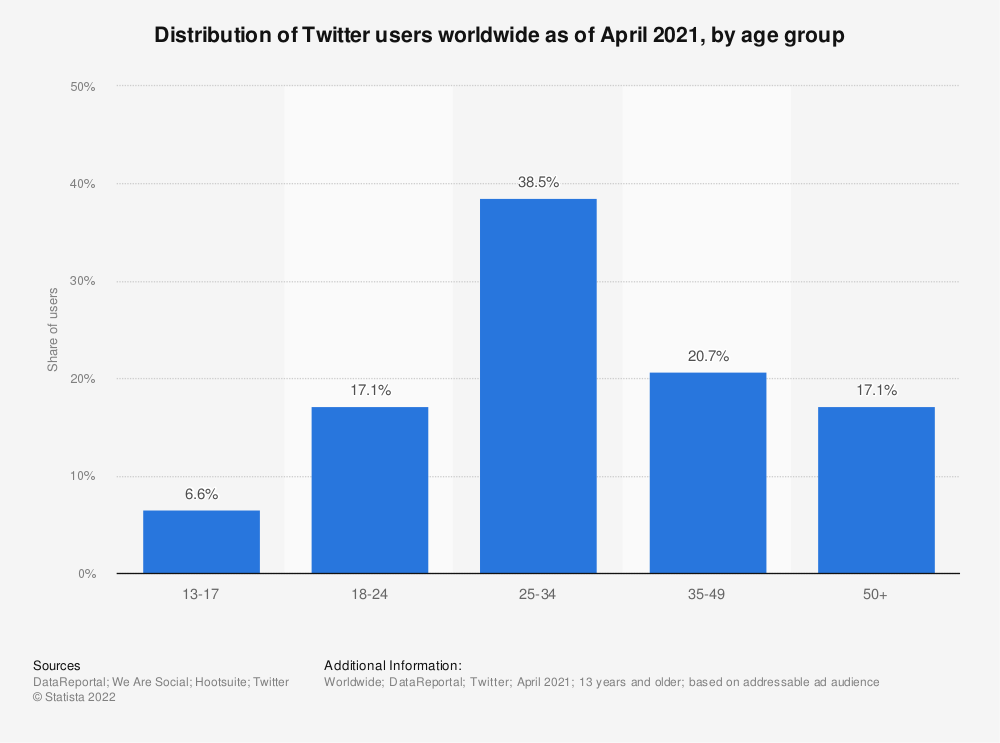
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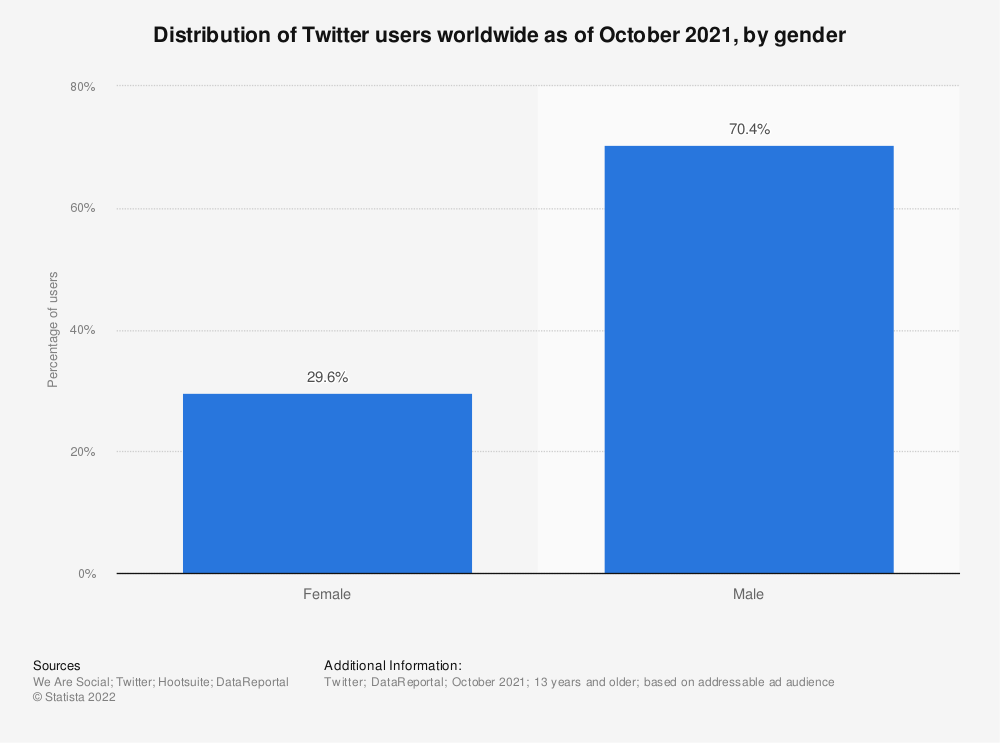
As seen above again, the font style “Arial” also fulfils the above conditions, being simple and to the point with no flair and very user friendly, even for those who struggle with other fonts.

# Twitter

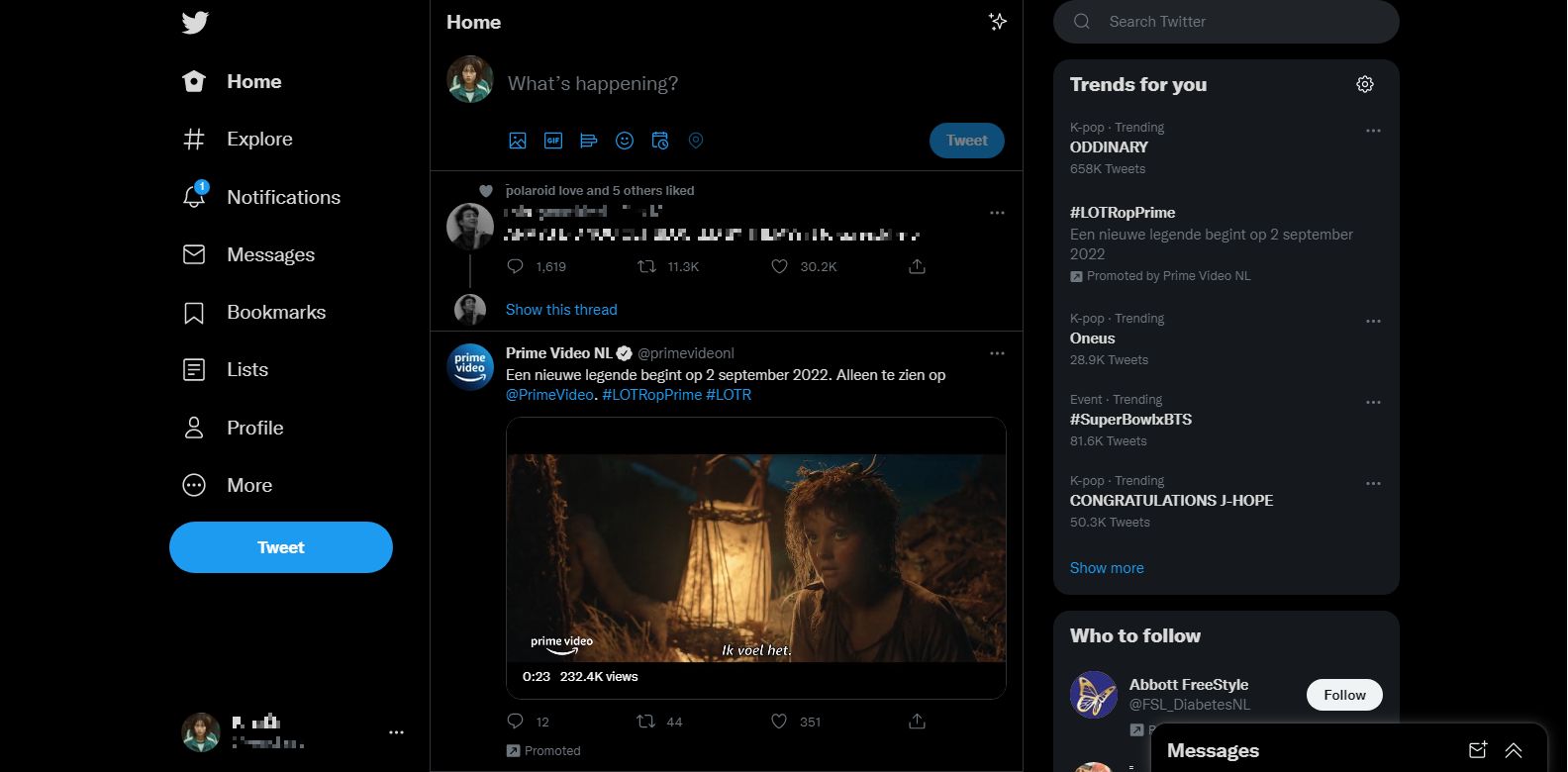
Twitter is another social media website that is used by roughly 436 million users, as seen above. Although Twitter is also a social media site it differs from Facebook entirely, from its format to the way media and content is presented on the site. Throughout this section I will describe the different features using the criteria as done with Facebook, and then compare how the two differ together.

Twitter exists as a way for members to “tweet” and have their followers view their tweets and interact with them. Along with this, Twitter also allows for users to privately message each other and interact through direct messages with each other. The pages on twitter greatly vary, from news accounts such as the BBC, to content creators or political candidates, Twitters user base greatly changes depending on how it is used. Twitters primary age group, as of early 2021, is between 25 – 34, with 38.5% of the users falling into this category.



In addition to this, over 70% of Twitters audience is male, and just under 30% is female.

Once Twitter has opened and the user has signed in, they are presented with their home page, where they can find their feed, the option to tweet, and navigate to the different parts of Twitter, such as the different sections on the left, the search bar in the top right, the news just under the search bar which is personalised for the user, or recommendations on who to follow just under the news trends.

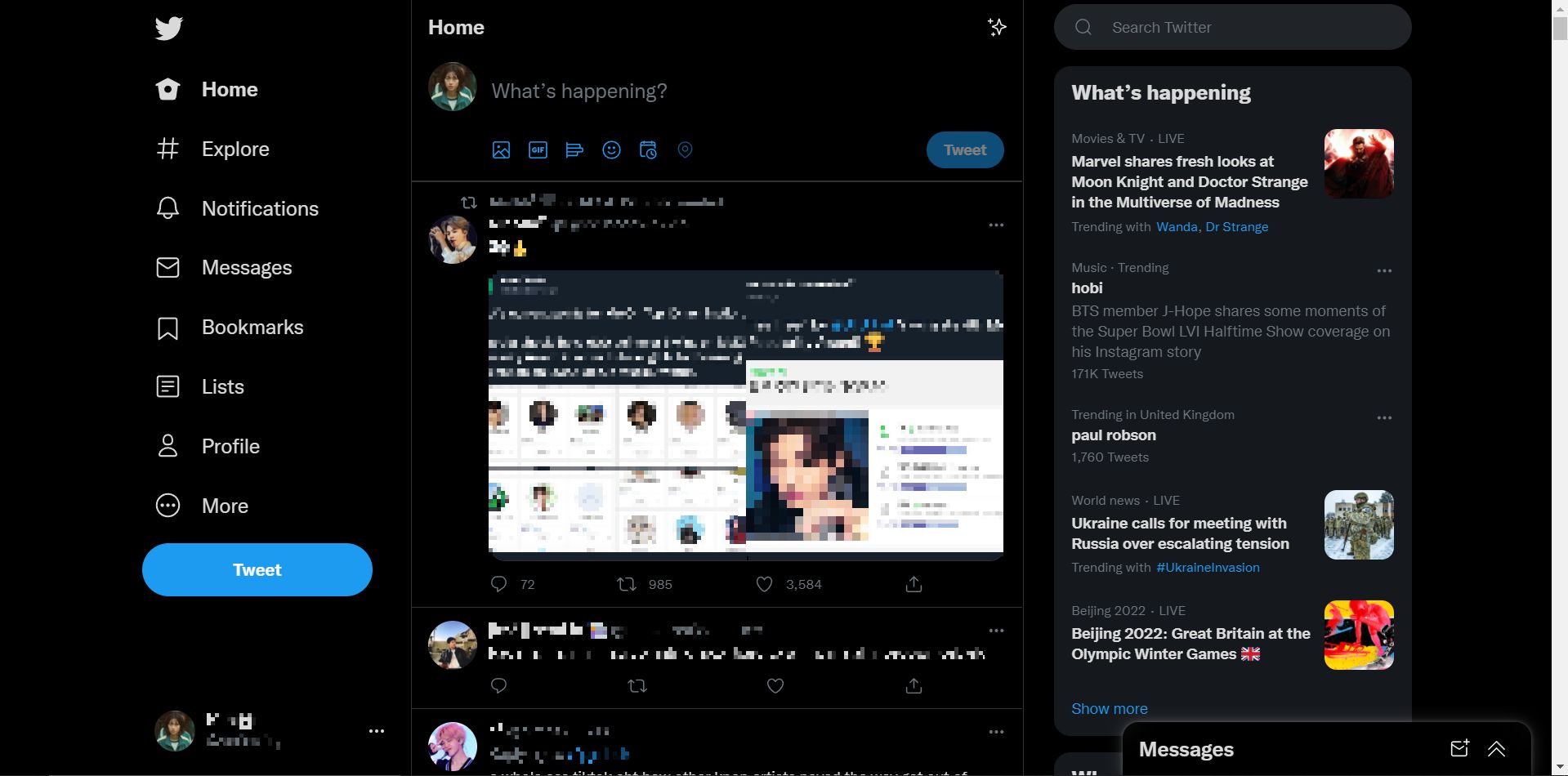


## Usability

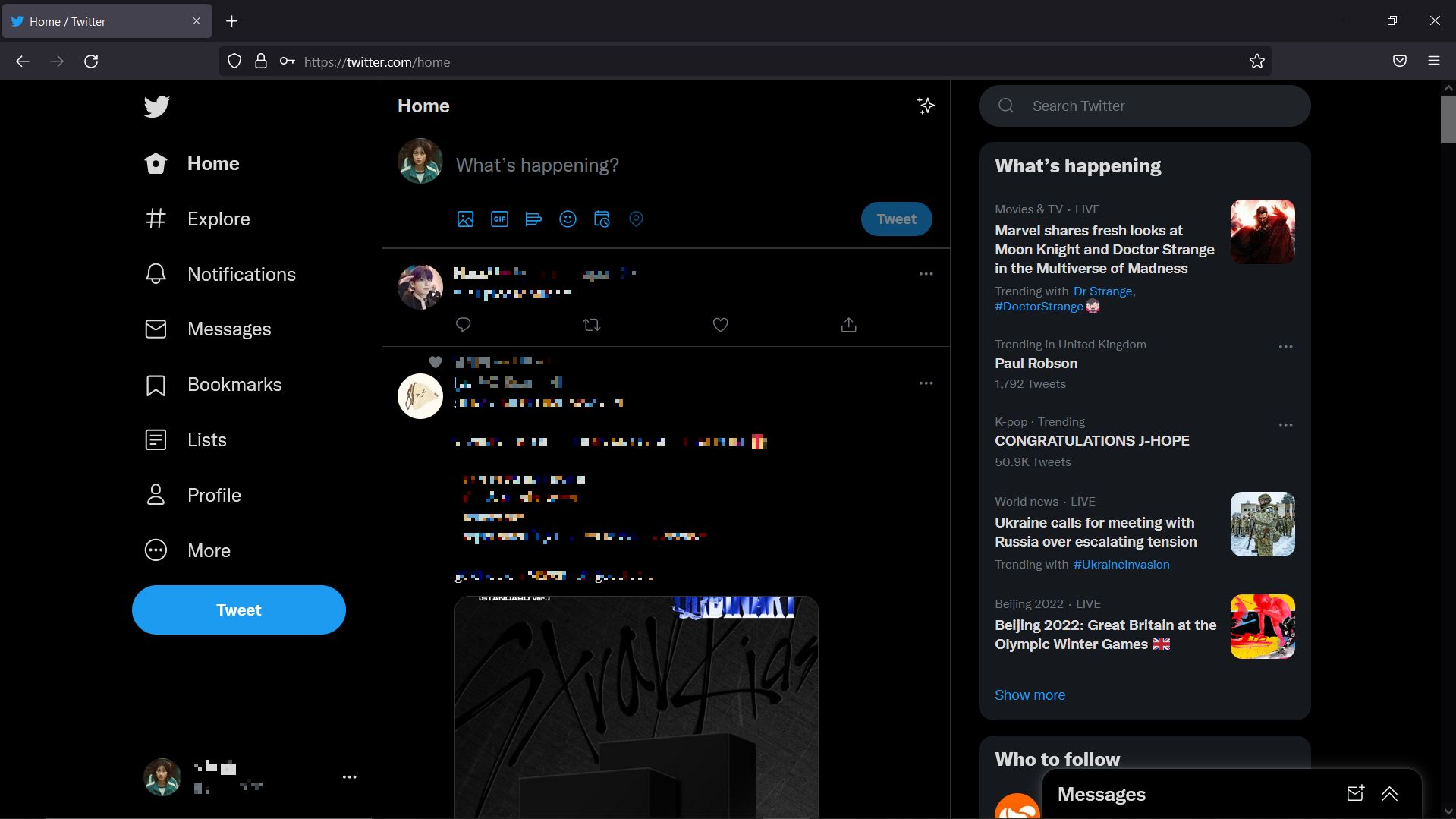
Since Twitter was released in July of 2006 (Wikipedia, 2022) it has undergone a lot of changes in order to be supported on several different browsers and ensure stability across the different browsers. The supported browsers for Twitter are Edge, Safari, Chrome, and Firefox, and any other browser based on Webkit or Chromium engines such as Opera.

When loading on different browsers it appears as follows:

Google Chrome



Firefox



Microsoft Edge



## Consistency

As shown above, Twitter also remains the same on different browser types, throughout the design and layout of the site, evidenced through the screenshots shown above. This is crucial when developing the site as this sense of familiarity gives the users flexibility to use any browsers they want and have the same experience as they might have on their primary browser.

## Accessibility

Twitter has limited accessibility options which the user can enable site wide through the settings section by clicking on the three dots at the bottom near the user’s name.

These options include:

* Visual support
* Auditory support
* Mobility support
* Cognitive support

Visual Support

A screenshot of a computer

Description automatically generated with medium confidence

Auditory Support

A picture containing graphical user interface

Description automatically generated

Mobility Support

Graphical user interface, text, application

Description automatically generated

Cognitive support

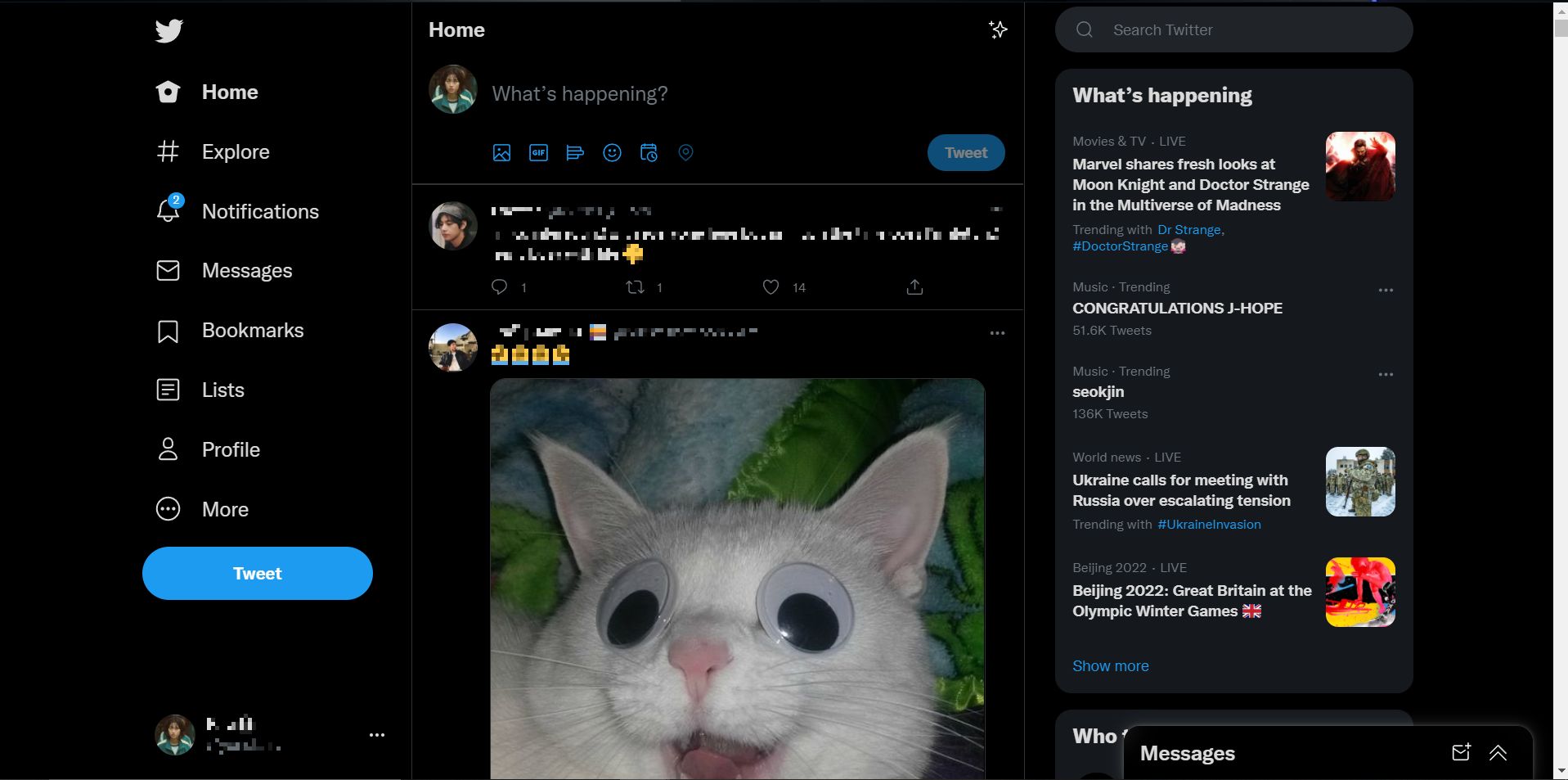
Graphical user interface, text, application, chat or text message

Description automatically generated

## Layout

Twitter effectively and efficiently spaces out the different parts of its page in order to not clutter everything together and create a nice balance between content and empty “white” space. As seen below, there is plenty of space throughout the page, even a gap between the “What’s happening” section and the “Who to follow” – which is slightly obscured – in order to clearly separate the two, but still make the most of all the space on the page.

The feed section in the centre of the page is clearly separated using greyed out lines to differ between what belongs to the section on the left, and the columns on the right. This white space effectively divides the page into different parts and allows for a cleaner look overall for the user.



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