Four-Score

Trace Wynecoop

Site 1 = Twitter https://twitter.com/?lang=en
Twitter initially used MySql as its database. Over time they developed their own database management system. They use Ruby on Rails, React, Scala, and Java. Twitter is made up of 'tweets', which are similar to miniature blog posts. It provides functionality for sharing posts, liking, and replying. Each user has an ID and a dedicated page for viewing their posts.

Site 2 = Reddit https://www.reddit.com/
Reddit is a forum website where users can post in different rooms ("subreddits") that correspond to different topics. Each user can earn or lose reputation points at the discretion of the other users in the room. It was built using Python, JQuery, React, and Amazon AWS. An interesting feature of Reddit is that it is moderated by users who are given elevated privileges within a certain 'subreddit'.

Similarities
Both websites have a way to rate other user's posts. They also have functionality to create conversations based on things other users have said. In both websites you can reply to posts which attach your post to the original. Both websites use React.

Differences
Reddit divides itself into separate rooms/subreddits, which essentially organizes the conversations of its users. Twitter is less organized. Another difference is that Reddit is built with Python, which seems to be very unusual for a forum website. Reddit is moderated by its users.

Cameron Phillips

Site 1 = Stack Overflow https://stackoverflow.com/
Stack Overflow is "Where developers and technologists go to gain and share knowledge." In other words, it's a forum geared towards programmers, and posts and replies are almost always related to code or other programming or technology related topics.

Site 2 = Quora https://www.quora.com/
Quora is a more general forum, where people can ask any kind of question and get public opinion on their question. Posts vary greatly in topic and answers, and the forum is more focused on the community, i.e. you can follow people, profiles are more personable, etc. Quora is more setup for interaction with people (via their profiles) and posts, rather than just posts like it is in Stack Overflow.

Similarities (sites)

Both Stack Overflow and Quora have similar structures, with the question or original post being on top of the page, and then answers or responses following underneath, a way to sort answers (i.e. by highest score, recency, or recommended), and related posts or topics. They also have similar post structure, where there is a title, a body, a way as a viewer to vote on the post, and some information about the post and other ways to interact with the post like bookmarking or saving the post, sharing the post, or commenting on the post. Additionally, there are things like dates tied to questions and answers, a way to interact with the profile of a person who posted or responded, and comments about a post or answer that are viewed separately from the main thread.

Similarities (code)
Both sites are similar in that there is a lot of code that goes into the site, mostly encapsulated in tags which helps when writing the CSS. Stack overflow also has different sections of HTML to deal with paragraphs and code blocks, as it is geared towards code, while Quora has a little tidbit of information about the poster above the question as it is more geared towards the community. They also both have features like a search bar at the top, a way to sign in which allows you to interact with posts, save posts, etc., clicking the logo in the top left will take you back to the home page, and other things you might be interested in (other services offered by Stack Overflow, and advertisements on Quora).

Cameron Zamora

Site 1 = Mastodon https://mastodon.social/
Mastodon is a social platform that is very frequently compared to Twitter. This is largely because Mastodon's design seems almost identical to Twitter's. On Mastodon, users make posts which can be liked and shared by other users. User content is moderated by a paid team. The differences end in how the site and its associated servers are managed. While Twitter is managed by one company (Twitter, Inc.), Mastodon's servers are owned and managed by several different groups. Mastodon uses PostgreSQL, Redis, ElasticSearch, StatsD, SMTP email delivery.

Site 2 = Tumblr https://www.tumblr.com/
Tumblr is first and foremost a blogging website. Users make blog posts that can be liked and shared by other users. Tumblr uses Java, Redis, and AWS services, such as EC2, EBS, S3, Route53, EMR, DynamoDB, SQS, CloudFront and SES.

Similarities
Both websites have users format their content in a way that is very similar to a miniature blog post. These posts can be liked, shared, and commented on both platforms. Both Mastodon and Tumblr use a hashtag system to organize user content. This content is moderated by a paid team on both sites.

Differences
Mastodon does not have any ads or an algorithm to drive engagement with the site, while Tumblr has both. Tumblr's servers are owned and managed by a single company, while Mastodon is decentralized.

Kaden Johnson

Site 1: Github https://github.com/
Github is a forum-like website where users can share files and projects through repositories via the internet. Repositories can be either private or public and users can add or update anything within the repository.

Site 2: Discord https://discord.com/
Discord is an online communication platform. It supports several different media such as text, VOIP, and video, all of which are available to its users. To access these features, a user must join a server.

Similarities
Both sites follow the same program convention, with all of the containers being encased in a tag. Both contain a head and body tag, and both head tags are empty. The github page has an image tag with several parameters, including dimensions and alternate classes. The discord page includes many scripts, which I assume is for interfacing with the Discord application. One difference I noticed is that each page has a unique convention for naming its variables. Both webpages have a very small amount of code for how intricate each page is. I noticed that a lot of the appearance aspects of the sites are determined in the first few lines of code. Other than that they must both use external libraries to form their pages.

Anna Mikhailenko

Site 1: Instagram https://www.instagram.com/
Instagram is a forum website that provides users a place where they can share and post their favorite photos, stories, and videos. Instagram provides each user has an opportunity to share their day to day life stories and experiences and discuss those stories and experiences in the comments.

Site 2: Facebook https://www.facebook.com/
Facebook is also a forum website that is similar to Instagram. It also allows users to post and share their life experiences through photos. However, facebook also allows users to create and join groups where people can share and discuss specific topics outside of the comment section of posts.

Similarities:

Both Instagram and Facebook provide a place to share and discuss various topics and life experiences. In order to use these forum websites, each user has to create an account and only then are the users allowed to post their own stories, view other users' stories, start conversations, and discuss their experiences in the comment sections.

Differences:

Facebook and Instagram are a bit different. Instagram mainly focuses on photo and video posts and discussions or conversations with a group of users are mainly done in the comment sections of posts. Facebook also has similar services, however, Facebook also provides a place for users to discuss certain topics in groups outside of the comment sections.