**TASK ANALYSIS DOCUMENT**

**TWITTER**

Text analysis document will provide us with information about the key features and processes happening on the Twitter platform.

**Core features of twitter platform**

**User Registration and Account Creation:** Users can sign up for a Twitter account by providing essential information such as their name, email, and password. After registration, users have a unique username that identifies their account.

**Tweeting:** Users can post short messages called "tweets" containing text, media (images, videos, GIFs), and links. Tweets are limited to 280 characters.

**Followers and Following:** Users can follow other accounts to see their tweets in their timeline. More the followers, more will be their influence on the platform.

**Retweeting:** Users can share others' tweets with their followers by "retweeting." This helps spread content virally across the platform.

**Likes :** Users can express appreciation for tweets by liking them. Likes are indicated by a heart icon and can be seen by others.

**Replies:** Users can reply to tweets to engage in conversations. Replies are threaded under the original tweet and are visible to followers of both users.

**Mentions:** Users can mention others in tweets using the "@" symbol followed by their username. Mentioned users receive notifications and can easily see the tweet.

**Hashtags:** Users can use hashtags (e.g., #friendship) to categorize tweets and make them discoverable to a wider audience interested in the same topic.

**Trending Topics:** Twitter displays trending hashtags and topics based on current popularity and discussions globally or locally.

**Direct Messages (DMs):** Users can send private messages to each other, facilitating one-on-one conversation

**Notifications:** Users receive notifications for interactions like likes, retweets, mentions, new followers, and direct messages.

**Profile Customization:** Users can personalize their profiles with profile pictures, header images, bios, and additional information.

**Verified Accounts:** Notable individuals, brands, and organizations can have their accounts "verified" with a blue checkmark, indicating authenticity.

**Lists:** Users can create lists to organize accounts they follow into specific categories or groups, making it easier to manage their timeline.

**Moments:** Twitter Moments allow users to curate and share collections of tweets centered around specific topics, events, or stories.

**Search and Discover:** Users can search for specific topics, accounts, or hashtags. Twitter suggests relevant accounts to follow based on interests.

**Live Video (Periscope Integration):** Users can broadcast and watch live video streams through the integration with Periscope.

**Polls:** Users can create and participate in polls to gather opinions and engage with their followers.

**STEPS INVOLVED IN EACH FEATURE**

**1. Creating an Account:**

* Sign up with an email address or phone number.
* Choose a unique username (handle) that starts with "@".
* Set a profile picture and cover photo.
* Write a bio to introduce yourself.

**2. Sending a Tweet:**

* Click on the "Compose" button (represented by a feather icon) on the top right corner.
* Type your message within the character limit (280 characters).
* Add images, videos, GIFs, or emojis to your tweet.
* Use hashtags to categorize your tweet.
* Tag other users using "@" followed by their username.

**3. Interacting with Content:**

* Like a tweet by clicking the heart icon.
* Retweet a tweet to share it with your followers.
* Quote a tweet to add your own comments while sharing it.
* Reply to a tweet by clicking the speech bubble icon.
* Share tweets via direct message or by copying the link.

**4. Exploring Trends:**

* View the "Explore" section to see trending topics and hashtags.
* Click on a trend to view related tweets and discussions.
* Participate in conversations around trending topics.

**5. Following Users:**

* Search for specific users using the search bar.
* Click on a user's profile to view their tweets.
* Follow a user to see their tweets in your timeline.

**6. Managing Notifications:**

* Receive notifications for likes, retweets, mentions, and new followers.
* Customize notification settings based on your preferences.

**7. Direct Messaging (DMs):**

* Access your direct messages by clicking on the envelope icon.
* Start a new conversation by clicking the message icon on a user's profile.
* Send and receive private messages, images, GIFs, and links.

**8. Editing Profile:**

* Access your profile settings by clicking on your profile picture.
* Edit your profile information, including name, username, bio, and profile picture.
* Choose who can see your tweets and tag you in photos.

**9. Exploring Profiles:**

* View tweets, retweets, and media shared by other users.
* Follow/unfollow users from their profile.
* Access lists of followers and following accounts.

**10. Searching for Content:**

* Use the search bar to find tweets, users, and hashtags.
* Refine search results using filters.
* Search for specific keywords or phrases.

**11. Curating Lists:**

* Create and manage lists to organize accounts you follow.
* Add users to lists based on specific interests or categories.

**12. Blocking and Reporting:**

* Block users to prevent them from interacting with you.
* Report tweets or accounts for harassment, spam, or other violations.

**13. Participating in Conversations:**

* Follow and join conversations by replying to tweets.
* Use threads to create longer discussions by replying to your own tweets.

**14. Accessing Moments:**

* Explore "Moments" to see curated collections of tweets related to specific events or topics.
* Create your own Moments to compile tweets into a narrative.

**15. Managing Privacy and Settings:**

* Adjust privacy settings, notification preferences, and data usage settings.
* Enable two-factor authentication for added security.

**ERROR SCENARIOUS**

**Login Issues:**

* Incorrect username or password.
* Forgotten password and difficulty resetting it.
* Account suspension or lockout due to suspicious activity.

**Tweeting Errors:**

* Exceeding the character limit for a tweet.
* Uploading media (images, videos) that don't meet the platform's specifications.
* Technical glitches leading to failed tweet posting.

**Notifications and Alerts:**

* Not receiving notifications for likes, retweets, or mentions.
* Receiving excessive or irrelevant notifications.

**Following and Unfollowing:**

* Unable to follow or unfollow certain accounts.
* Sudden drop in followers without explanation.

**Hashtag and Trending Issues:**

* Being unable to find a trending topic or hashtag.
* Accidentally using a misspelled or unrelated hashtag.

**Direct Messaging Problems:**

* Messages not sending or being received in a timely manner.
* Inability to send media files or links through DMs.

**Account Security and Privacy:**

* Unauthorized access to an account.
* Unwanted interactions, such as harassment or spam.

**Profile and Display Issues:**

* Profile picture or header image not uploading correctly.
* Changes to the profile bio or display name not reflecting immediately.

**Search and Discoverability:**

* Not finding expected search results or profiles.
* Issues with search filters or sorting options.

**Thread Management:**

* Difficulty creating or managing tweet threads.
* Lost continuity in a thread due to misordered replies.

**Moments and Collections:**

* Problems while creating or sharing Moments.
* Moments not displaying as intended or not being easily accessible.

**App and Website Glitches:**

* Slow loading times or unresponsiveness.
* Features not working as expected due to bugs or technical issues.

**Error Messages:**

* Receiving cryptic or unclear error messages when trying to perform actions.

**API Limitations:**

* Developers encountering rate limits or authentication issues when using Twitter's API for app development.

**Blocked or Restricted Content:**

* Encountering restricted or blocked content due to regional restrictions or content warnings.

**ER DIAGRAM**

