

Twitter

Twitter



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1. Introduction:

Our project for this semester aims to develop a social networking app similar to Twitter, providing users with a platform to express themselves, connect with others, and engage in meaningful conversations. With a focus on user-friendly design and robust functionality, our app will enable users to create, share, and discover content effortlessly, fostering a vibrant and inclusive online community.

I. 2. User Functionalities:

a) User Authentication and Profile Management:

- a. Implement secure user authentication mechanisms to ensure the privacy and security of user accounts.
- b. Enable users to create, edit, and delete their profiles, including options to upload profile pictures and customize bio information.

b) Feed Creation and Viewing:

- a. Allow users to compose and publish posts (tweets) to their feed, including text, images, videos, and links.
- b. Provide a streamlined feed viewing experience, allowing users to scroll through posts from users they follow and discover new content based on interests and trending topics.

c) Social Interactions:

- a. Enable users to engage with posts by liking, commenting, and retweeting (sharing) them with their followers.
- b. Implement notifications to alert users of interactions such as likes, comments, and new followers, enhancing user engagement and connectivity.

d) User Connections:

- a. Facilitate user connections by allowing users to follow other accounts and receive updates from those they follow in their feed.
- b. Provide a search functionality for users to discover and follow other accounts based on usernames, interests, or recommendations.

e) Explore and Discover:

- a. Offer curated content recommendations and trending topics to help users discover new accounts and content aligned with their interests.
- b. Implement hashtag support to categorize and organize content, enabling users to explore specific topics and join relevant conversations.

f) Privacy and Data Security:

- a. Prioritize user privacy and data security through robust encryption protocols and adherence to data protection regulations.
- b. Provide users with granular privacy settings to control their profile visibility, post audience, and interactions with other users.

II. Conclusion:

Our social networking app proposal aims to deliver a dynamic and engaging platform for users to connect, share, and interact with each other. By prioritizing user experience, privacy, and community-building features, we aspire to create a space where users can express themselves freely, forge meaningful connections, and contribute to a positive online environment. We are committed to delivering a high-quality app that meets the diverse needs of our users and fosters a sense of belonging and inclusivity within our digital community.