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SYSTEM STUDY REPORT

Location-Based Anonymously Chatting App

About the System

A location-based anonymously chatting app is a type of mobile application that allows users to communicate with each other in a chat room based on their geographic location. After logging in, the user can access the app's chat rooms and start chatting with other users who are in the same location. The app may use the user's device's GPS or other location-tracking technology to determine their location and match them with other users in the same area. The app may also allow users to create and join chat rooms based on specific locations, such as a city or neighbourhood, or based on common interests or activities.

One of the key benefits of a location-based anonymously chatting app is that it allows users to connect with others in their immediate area without revealing their identity. This can be useful for people who want to make new friends or connections without revealing personal information, or for those who simply want to chat with others who are nearby. The app may also include other features, such as the ability to send private messages to individual users, the ability to join and create groups, and the ability to share photos and other media. Additionally, the app may offer customization options, such as the ability to change the chat room's name or theme or to set privacy settings for individual chat rooms.

Overall, a location-based anonymously chatting app can be a useful tool for connecting with others in a specific geographic area and fostering a sense of community among users.

Existing System

The existing system for a location-based anonymously chatting app has been discontinued. This means that the app is no longer available for users to download and use. It is unclear why the app was discontinued, but it may have been due to a lack of user interest, technical issues, or other reasons.As a result of the app being discontinued, users who previously had accounts on the app will no longer be able to access it or use its features. They will need to look for alternative apps or methods to connect and chat with others anonymously in their local area.

In the existing system, the app uses the user's location data to connect them with other users who are nearby. This allows for real-time, location-based chatting between users. The anonymity feature of the app means that users do not have to reveal their real identities to each other, which can encourage more open and honest communication.The app may also include other features, such as the ability to create and join chat rooms, send and receive messages, and view other users' profiles. The exact features and functionality of the app will depend on its design and implementation.

Overall, the existing system for a location-based anonymously chatting app provides a way for users to connect and communicate with others in their local area, without revealing their identities.

Proposal System

A location-based anonymously chatting app allows users to communicate with others in the same location without revealing their identities. This type of app can be useful for people who want to connect with others in their area but may not be comfortable sharing their personal information.

The previous app that offered these features has been discontinued, so there is a need for a new app that can provide these services. In this system study report, we will propose a new app that can fulfil this need and provide users with a way to connect with others in their area while maintaining their anonymity.

The proposed app will have the following features:

- Login: Users will be required to log in to the app using their email address and a password. This will ensure that only registered users can access the app and participate in the chat rooms.
- Location tracking: The app will use the user's GPS location to determine which chat rooms they can join. This will allow users to connect with nearby others and ensure that the conversations are relevant to their location.
- Anonymity: To protect the user's identity, the app will not require users to provide any personal information, such as their name or phone number. All conversations will be anonymous, and users will be identified by a randomly generated username.
- Chat rooms: The app will have multiple chat rooms, organized by location and topic. Users will be able to join the chat rooms that are relevant to their interests and location.
- Moderation: To ensure that the conversations in the chat rooms remain appropriate and relevant, the app will have moderators who will monitor the conversations and take action if necessary.

Overall, the proposed app will provide a way for users to connect with others in their area while maintaining their anonymity. This can be useful for people who want to meet new people in their area but may not be comfortable sharing their personal information.

Modules

- **User Authentication:** This module allows users to create an account and log in to the app. It does not require users to provide any personal information, ensuring their anonymity.
- **Location Services:** This module uses GPS and other location-based technologies to connect users who are within a certain radius of each other. This allows users to communicate with others in their immediate area without having to share their personal information.
- **Chatting:** This module allows users to send and receive messages with others in their vicinity. The app automatically deletes users' chat history after a certain time period to ensure anonymity.
- **Settings:** This module allows users to customize various app settings, such as the radius within which they can connect with others, and the duration for which their chat history is stored.

System Specification

Hardware Specification

Any smartphone with GPS and location services capabilities will be enough for this application.

Software specification

One of the most difficult tasks is selecting software, once the system requirement is found out then we have to determine whether a particular software package fits those system requirements. This section summarizes the application requirement.

- Operating system: Android or iOS
- Location services: GPS and other location-based technologies
- Chatting: Real-time messaging capabilities
- Storage: Database for storing user accounts and chat history (automatically deleted after a certain time period)
- User interface: Customizable and user-friendly interface for easy navigation and use.