TrueFriends.com

Overview

This C++ code provides a rudimentary framework for a social network application. It allows users to:

- Create user profiles with basic information (name, age, gender).
- Establish friendships between users.
- View all registered users.
- View all existing friendships.

Note - This project is made on a Sole belief that "Friendships Are Permanent", husband wife can be divorced , girlfriend and boyfriend can break up but a True friend will always be with you no matter what. That is why it is not having a Delete friendship option .

Key Components:

- **User Class:** Represents a user with basic information (name, age, gender).
- **Global Maps:**
  - `mapUserName`: Stores users, keyed by their username.
  - `Friends`: Represents friendships as a map, where keys are usernames and values are sets of friend usernames.
- **Functions:**
  - `addUser()`: Creates a new user and adds them to the system.
  - `makeThemFriend()`: Establishes a friendship between two existing users.
  - `displayAllUsers()`: Lists all registered users.
  - `displayAllFriendships()`: Shows friendship connections for all users.
- **Main Function:**
  - Provides a basic menu for user interaction: adding users, making friends, displaying users, and displaying friendships.

Potential Use Cases

While this code serves as a basic foundation, it can be extended for various applications:

- A simplified social networking platform.
- A friendship management system for a larger application.
- A data structure demonstration for educational purposes.