

Project Proposal

Project Title: Social Networking System

Course Name: Object Oriented Programming

Project Description:

The objective of the project is to create a C++ social networking application, allowing users to communicate, connect, and share content. The application includes features like creating posts, generating new posts, commenting on posts, liking posts, and sharing posts to the user's timeline.

We are making this project in C++ using Visual studio and applying the concept of OOP.

Certainly! Here are some common features of a social networking application:

1. User Management:

- Users can create accounts, add friends, and manage their profiles.
- Users can conveniently add friends to expand their social network.

Additionally, they have the flexibility to manage their profiles, updating information and preferences as needed.

2. Post Creation:

- Users can create different types of posts such as feelings, thoughts, creations, and celebrations.
- Users can share their experiences and establish deeper connections with others thanks to this feature, which encourages creativity and individual expression.

3. Interactivity:

- Users can like posts, comment on posts, and share posts to their timeline.
- Additionally, users can add comments to posts, enriching the social experience.

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4. Timeline Display:

- Users can view posts shared by their friends on their timeline.
- With the help of this feature, users can quickly search through

recent updates and stay up to date on events within their social circle by having a single view of postings showed by others.

5. Search Functionality:

- Users can search for other users and posts containing specific keywords.
- Users can search for posts specific keywords, enabling them to explore relevant content and engage with topics of interest.

Future Enhancements:

- Messaging System: Implement a messaging feature to allow direct communication between users.
- Privacy Settings: Incorporate privacy settings for users to control the visibility of their posts and profile information.

Conclusion:

- The proposed social networking application aims to provide a platform for users to connect, share, and engage in meaningful interactions.
- The app offers to deliver a perfect social networking experience with its simple user interfaces and essential features.

Class Diagram:

The name of classes that will be part of our project Gym Management system are

- Social Entity Class
- Post (Feeling, Thinking, celebrating) Class
- User Class

Group Members:

| Sr. No. | Student Name | Registration Code |
|---------|-------------------|--------------------------|
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