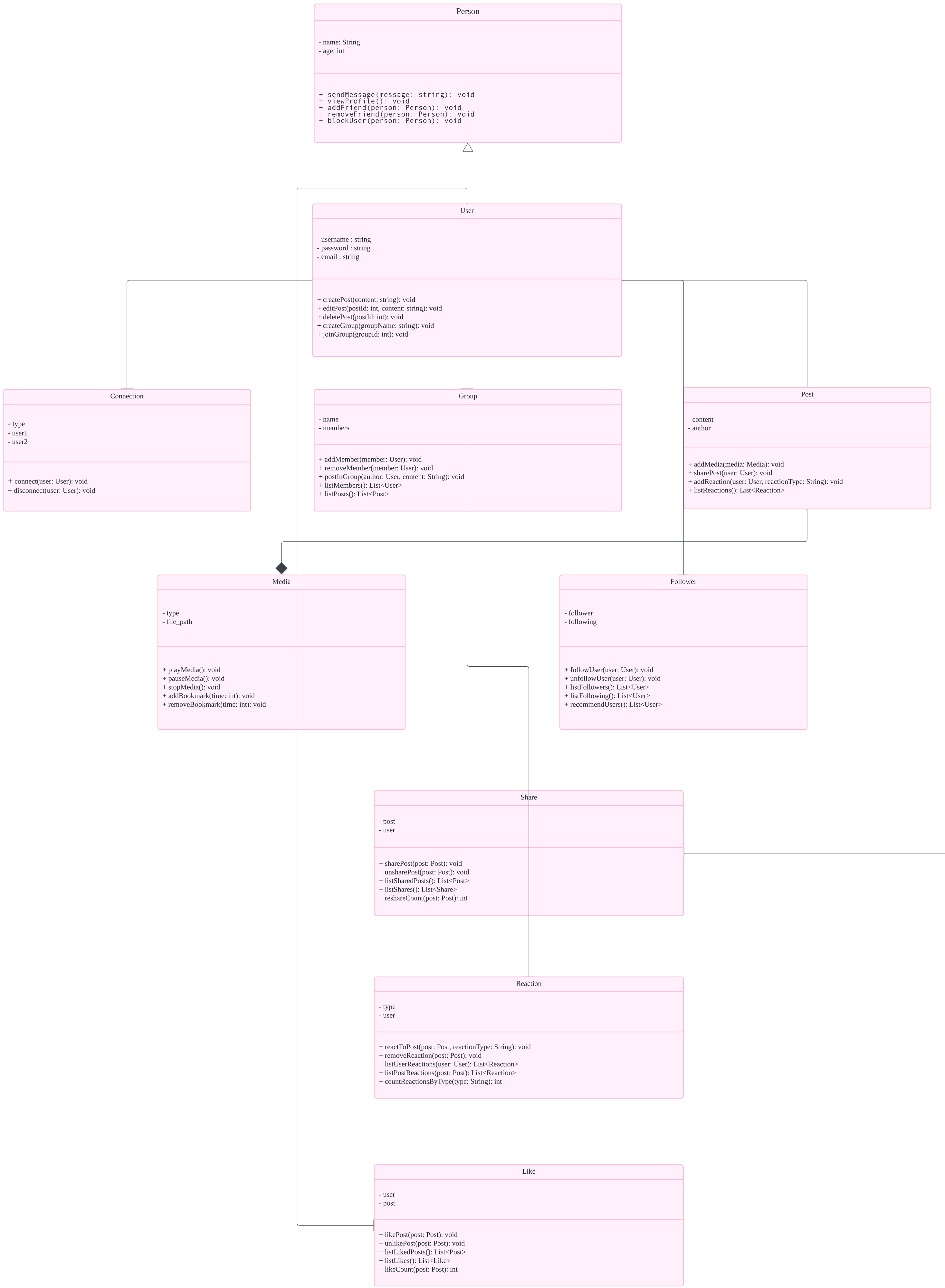


WORK GROUP PROJECT FOR EVERGREEN DYNAMICS(GROUP 28)

A) Title: Social Network App Class Hierarchy



B) EXPLANATION :

S/No.	Concept A	Concept B	Relationship	Explanation
1	Person	User	Inheritance	The "Person" class serves as a general entity, while "User" inherits from "Person" to represent individuals who have registered accounts in the social network app.
2	User	Connection	Association	Users can have multiple connections with other users or entities within the social network app, indicating relationships or interactions.
3	User	Group	Association	Users can be members of various groups within the social network app, allowing them to participate in group discussions or activities.
4	User	Post	Association	Users can be members of various groups within the social network app, allowing them to participate in group discussions or activities.
5	post	Media	Composition	A post may contain media content such as images or videos. The "Media" class is part of the "Post" class, indicating that media objects are integral components of a post.
6	User	Follower	Association	Users can have followers who subscribe to their updates or content. The "Follower" class represents this relationship between users.
7	Post	Share	Association	Posts can be shared by users with other users or groups within the social network app. The "Share" class represents this action of sharing a post.
8	User	Reaction	Association	Users can react to posts within the social network app, expressing their feelings or opinions. The "Reaction" class represents this interaction between users and posts.
9	User	Like	Association	Users can like posts within the social network app, indicating their appreciation or agreement with the content. The "Like" class represents this action of liking a post.
10	Media	Connection	Association	The relationship between "Connection" and "Media" is an association, indicating that connections can involve the sharing or exchange of media content but are not defined by it.