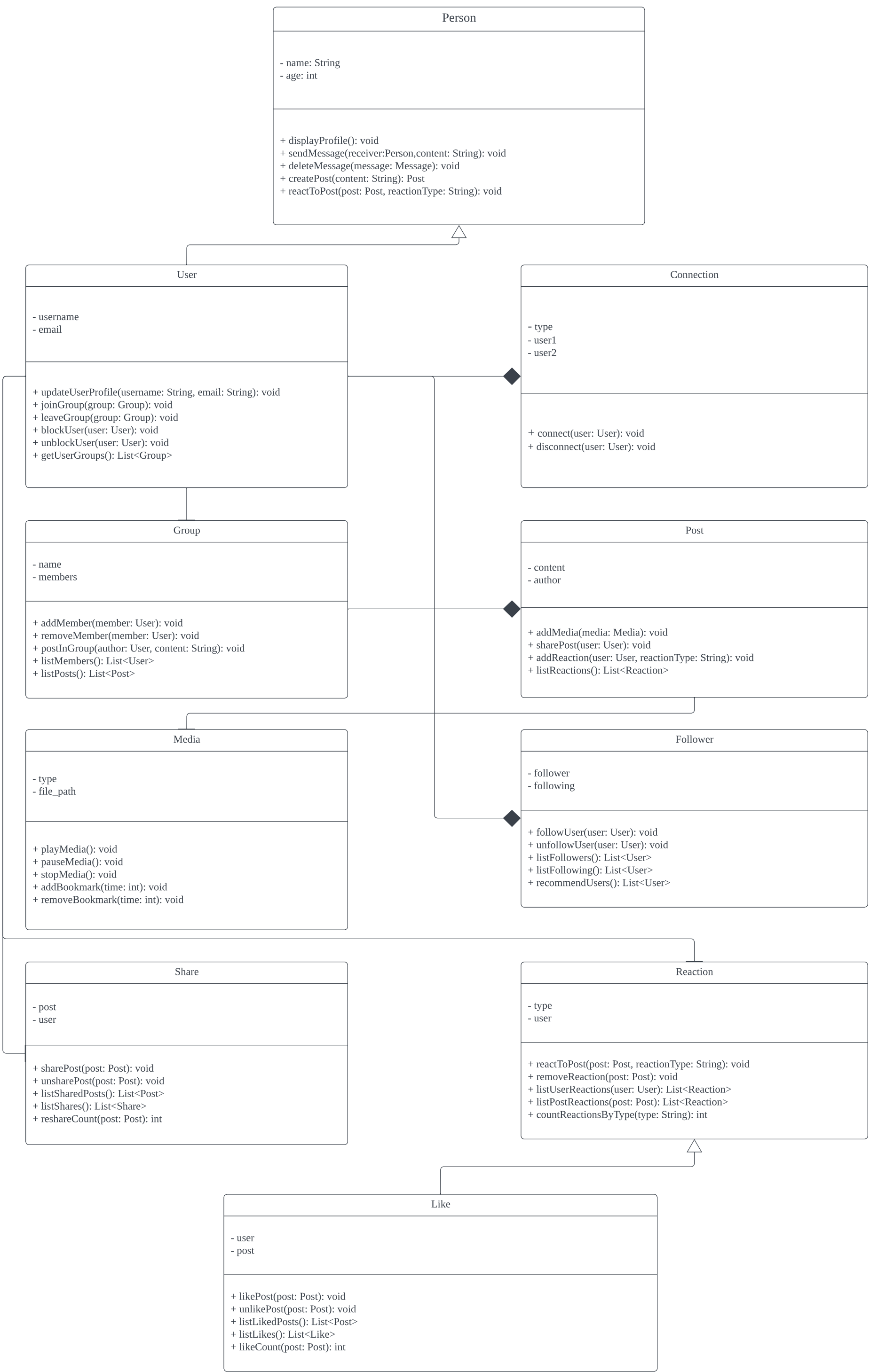


WORK GROUP PROJECT FOR EVERGREEN DYNAMICS(GROUP 27)

A) Title: Social Network App Class Hierarchy



B) EXPLANATION :

S/No.	Concept A	Concept B	Relationship	Explanation
1	Person	User	Inheritance	A User is a specific type of Person in the context of a social network app. Users have specific properties and behaviors that differentiate them from other people.
2	User	Connection	Composition	A User contains one or more Connections, representing the relationships between users in the social network.
3	User	Group	Association	A User can be associated with one or more Groups in the social network app.
4	Group	Post	Composition	A Group can contain one or more Posts made by its members.
5	post	Media	Association	A Post can have associated Media, such as images or videos.
6	User	Follower	Composition	A User contains one or more Followers, representing other users who follow them.
7	User	Share	Association	A User can share one or more items, such as Posts or Media.
8	User	Reaction	Association	A User can react to one or more items in the social network app.
9	Reaction	Like	Inheritance	A Like is a specific type of Reaction, with additional properties such as the count of likes.

This hierarchy and relationships model the entities and interactions within a social network app effectively, providing a clear understanding of their structure and behavior.