A diagram of a group

Description automatically generated

# **Microservice Structure and Global Architecture Description**

* A "UserService" for User, posts and Friendship entities and its operations.
* A "GroupService" for Group and GroupMembership entities and its operations.
* An "ImageService" for Image entities and its operations.
* A “BlobService” for blobs entities and is operations

# Database Schemas for Each Microservice

## UserService

Tables: User, Friendship, post  
Handles, user, post and friendship-related operations

## GroupService

Tables: Group, GroupMembership   
Handles: group-related operations (group creation, membership, and associations)

## PipelineService

Tables: Pipeline  
Handles, pipeline-related operations

## ImageService

Tables: Image  
Handles: image-related operations

## BlobService

Tables: Blob  
Handles: blob-related operations