

## OOD Facebook

User Login/Registration

Create Post/Upload Photo/Videos

Follow People/Pages

Search People/Group/Pages

Join Groups

Chat

User Notification

Accept/Reject Friend Request

News Feed

Change Profile Picture/Cover Picture

Add Friends

Share Post

Update/Edit Profile

Change/Edit/Update Password

## Actors

Group Admin

User

## Classes

- Account (Interface)
  - User
- Page
- Group
- Post
- Photo
- Video
- News Feed
- Profile
- User Info
- Search
- Login

- Chat
- Message
- Newsfeed
- Comment

## Relationships Classes

Account User Inheritance

Profile User Info Composition

Profile Photo Composition

Profile Video Composition

Chat Message Association

Login User Association

Chat Message Association

Message User Association

Newsfeed Post Association

Group Post Composition

Group User Composition

Post Comments Association

Search User Association

Search Group Association

Search Post Association

Search Page Association

## Activity Diagram

