# 1. Introduction

## 1.1 Purpose

This SDD describes the scope and system design of “Wazifa”
which is created in sake of making it easier to connect with other people works the same as you work or working in the same job. “Wazifa” will minimize the time and efforts in searching for companies or other workers.

## 1.2 scope

“Wazifa” is a business and employment-oriented social media service that works as web application that allows users to make friends with each other and post anything about jobs or advice to other employees.

Users can sign-up and make their profile as their CV they will add their skills past jobs, current jobs, education .
They can comment, like or share someone's post and they can chat with any user.
Users can add a page about the company they work in with logo, description, position.
Users can search about other users and companies and discover their profile or page.
Users will be able to update their profile info (CV)

an administrator will use web-portal to administrate the system and keep the information accurate. The admin can verify the company page and

manage its information.

## 1.3 Out Scope

No job offers.

no bidding on jobs.

Not a freelancing application

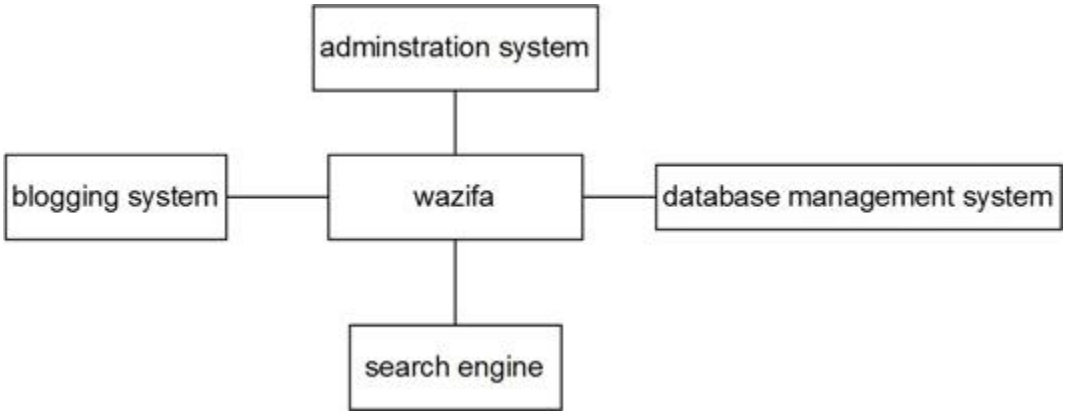
you can't login by fake mail or password.

# 2. System Overview

"Wazifa" is built to make it easier to find other people works with you in the same company or works the same work as you are and make friends with them in order to learn from them and exchange your experiences.

# 3. System architecture

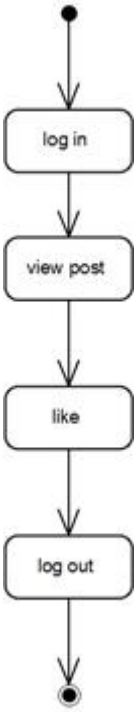
## 3.1 architecture design



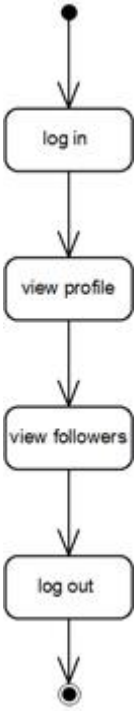

*block Diagram 1*

## 3.2 Decomposition Description

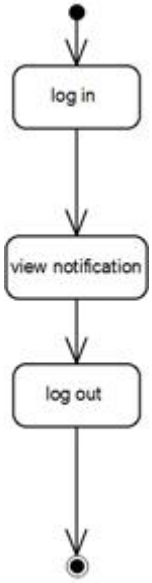
### activity diagrams



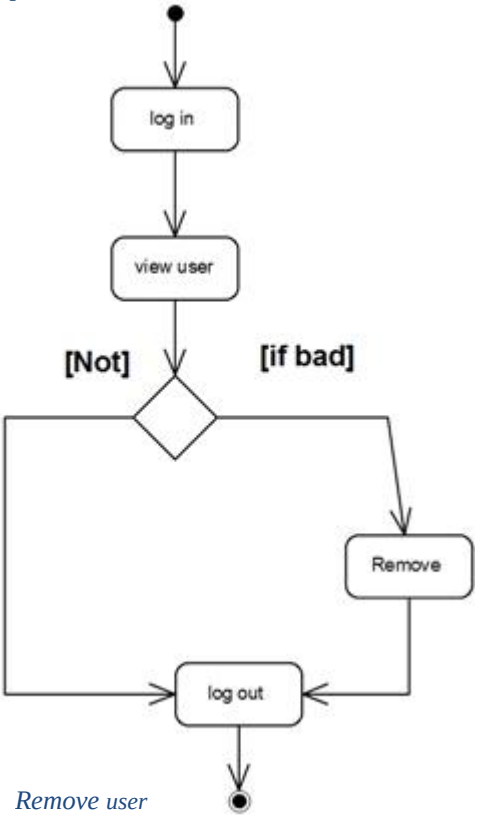

*like post*



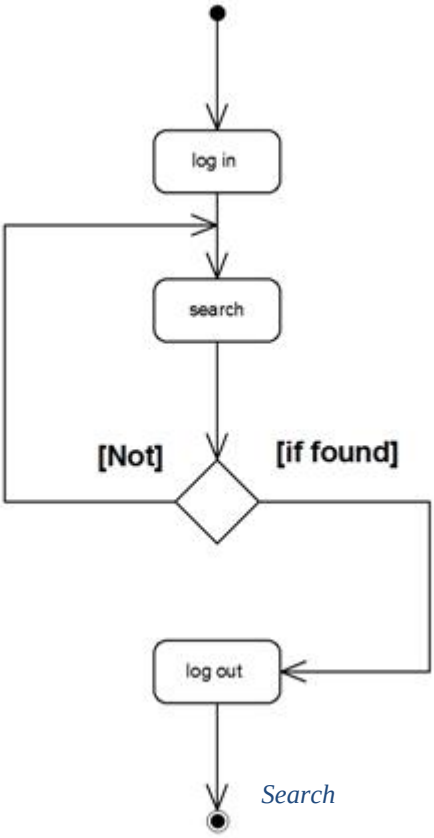

*view followers*



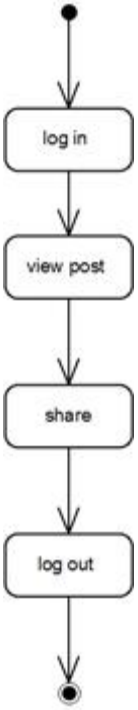

*View notification*



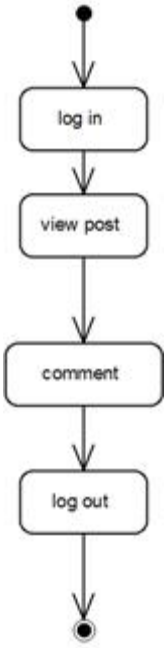

*Remove user*



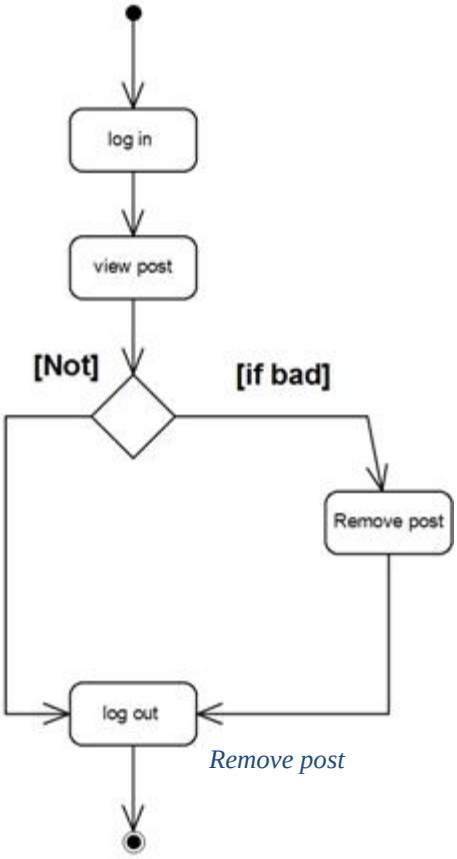

*Search*



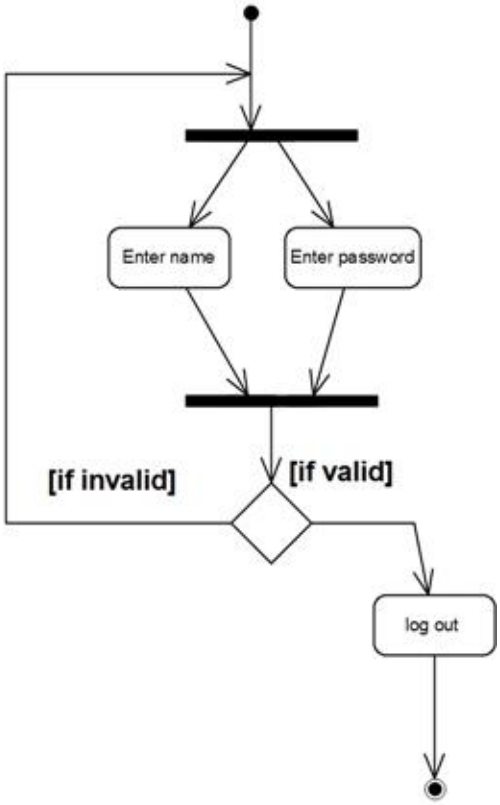

*share*

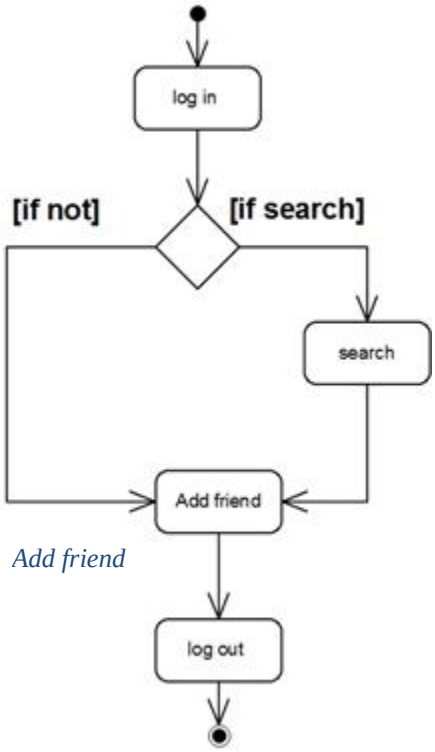



*comment*

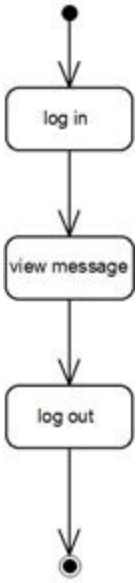



*Remove post*

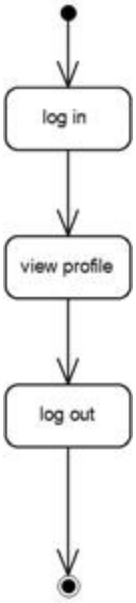


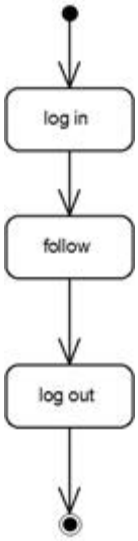

*Add friend*



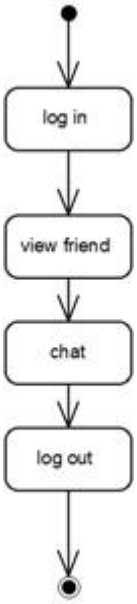

*View message*



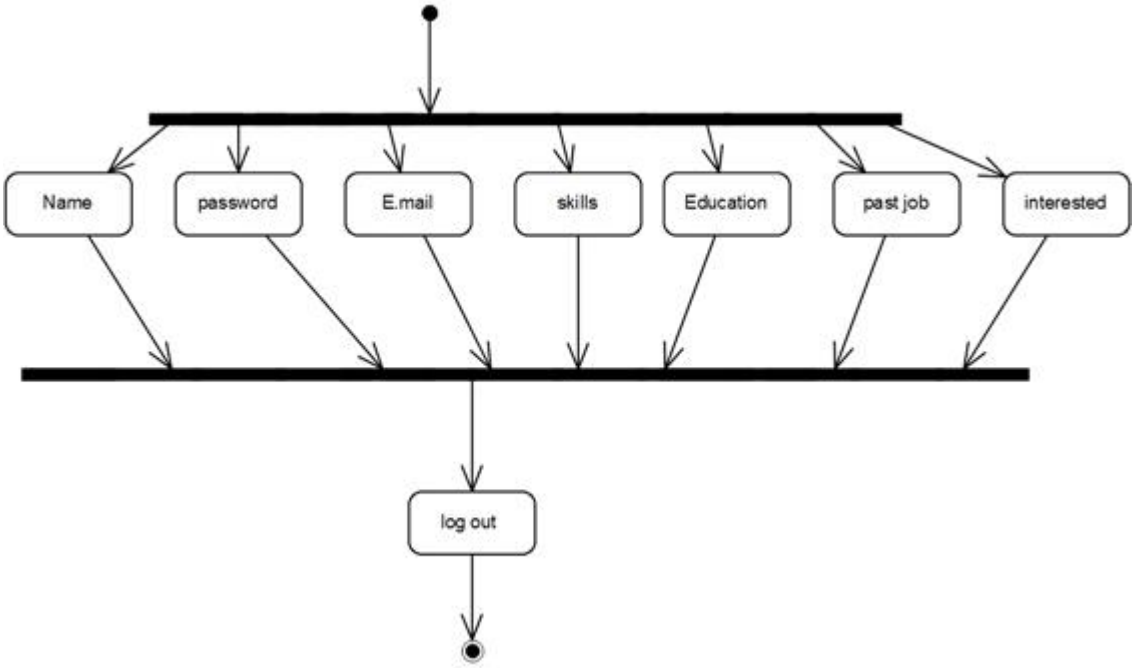

*View profile*



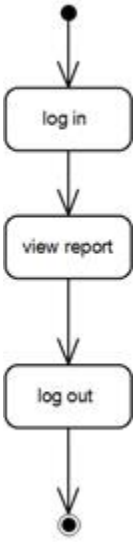

*follow*



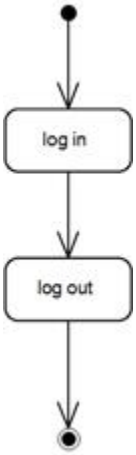

*chat*



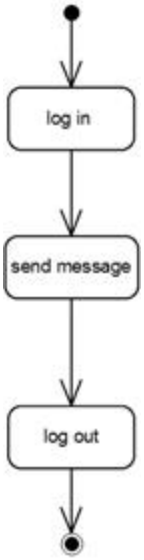

*register*



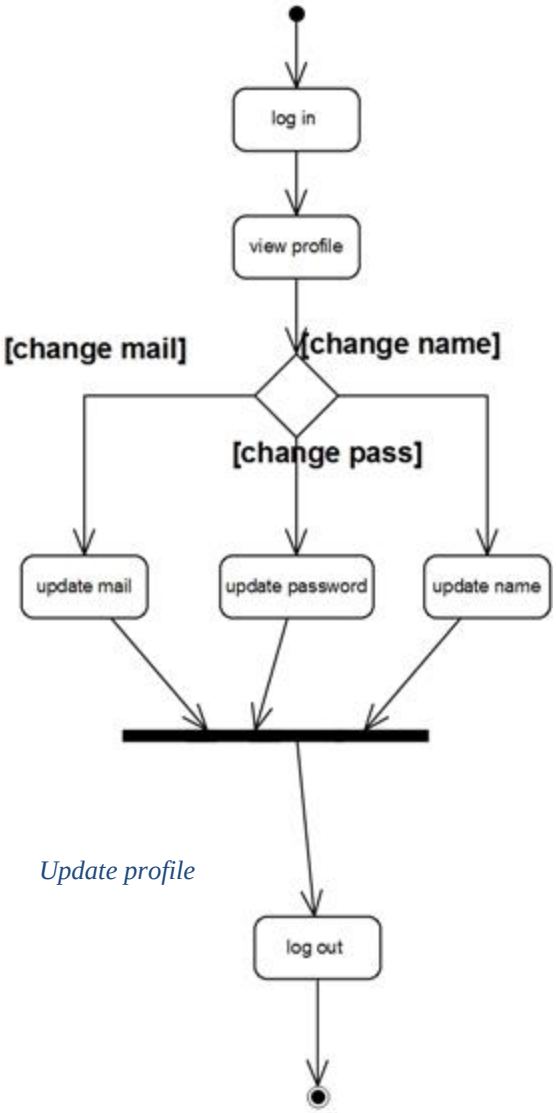

*View report*



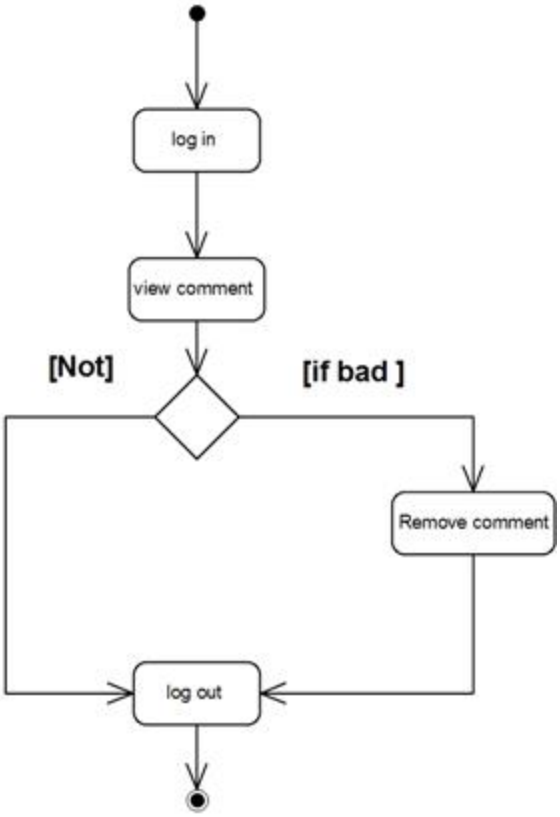

*Log out*



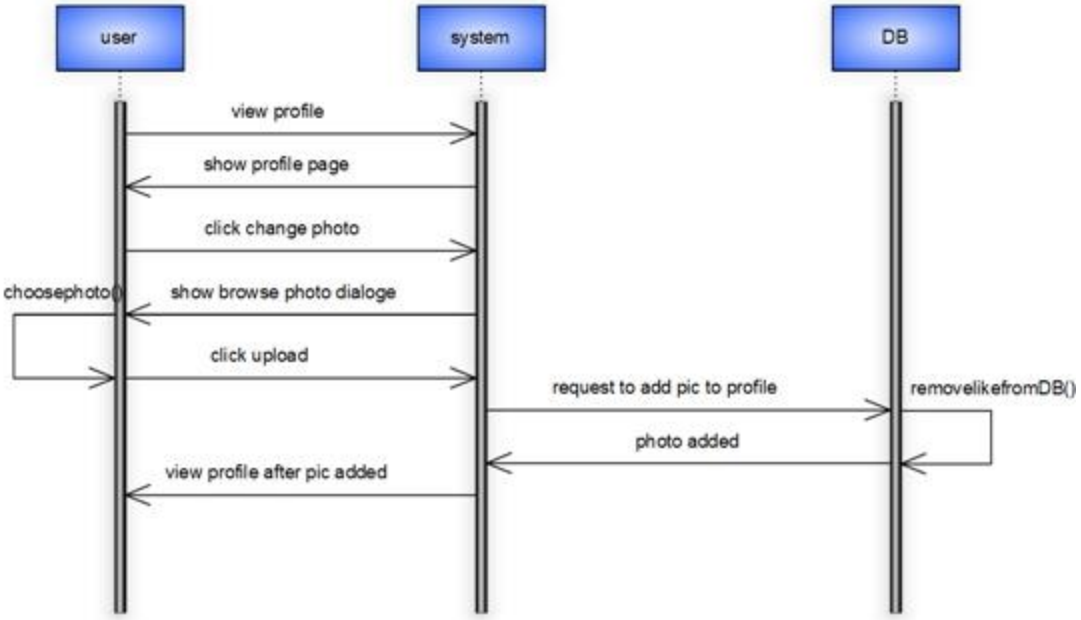

*Send message*

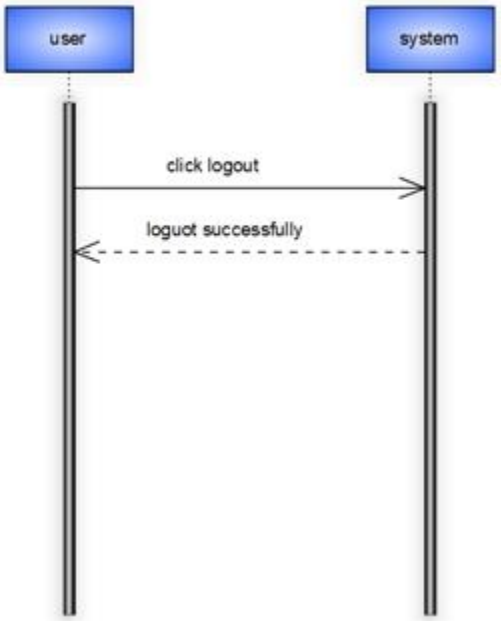


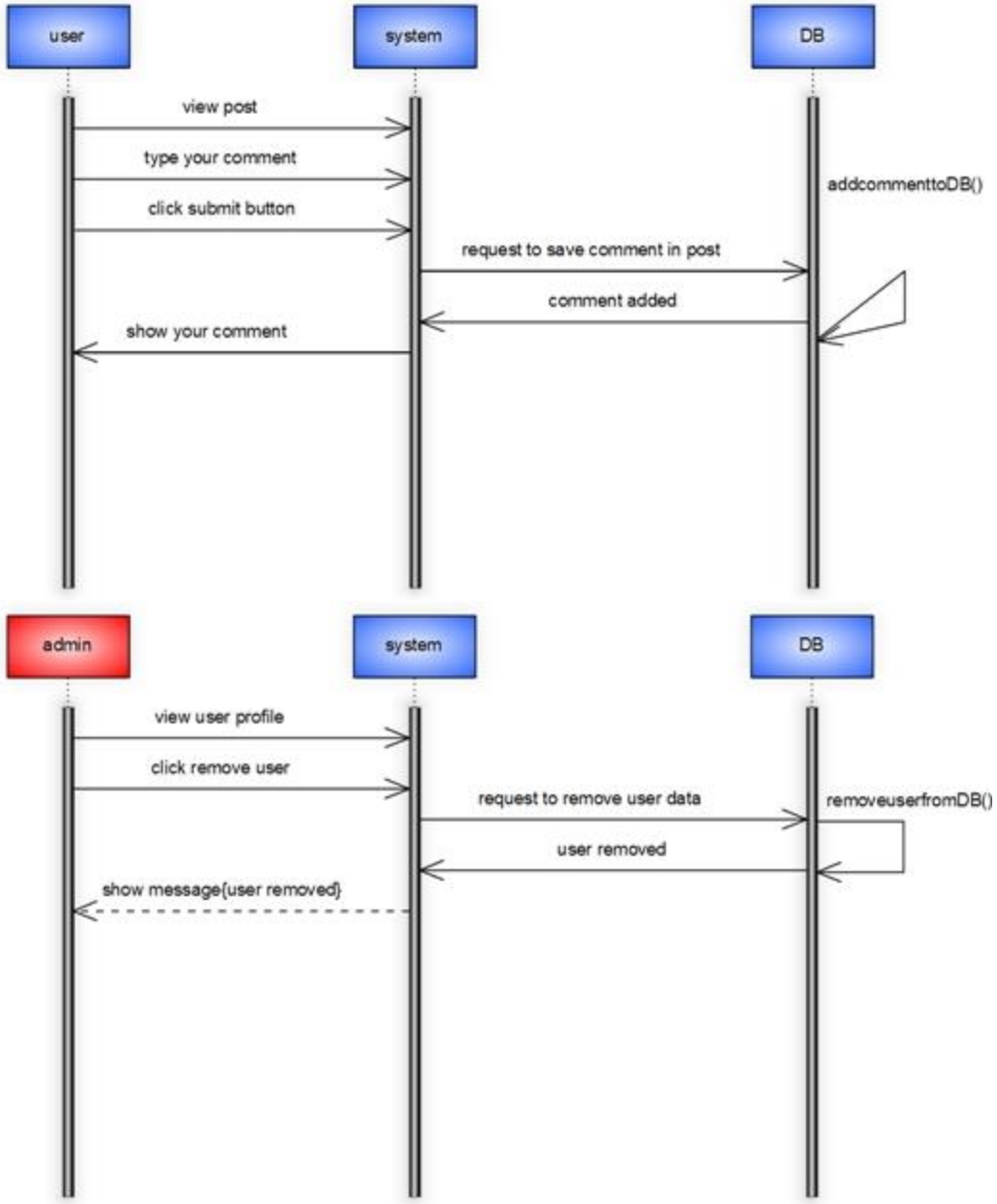

*Update profile*

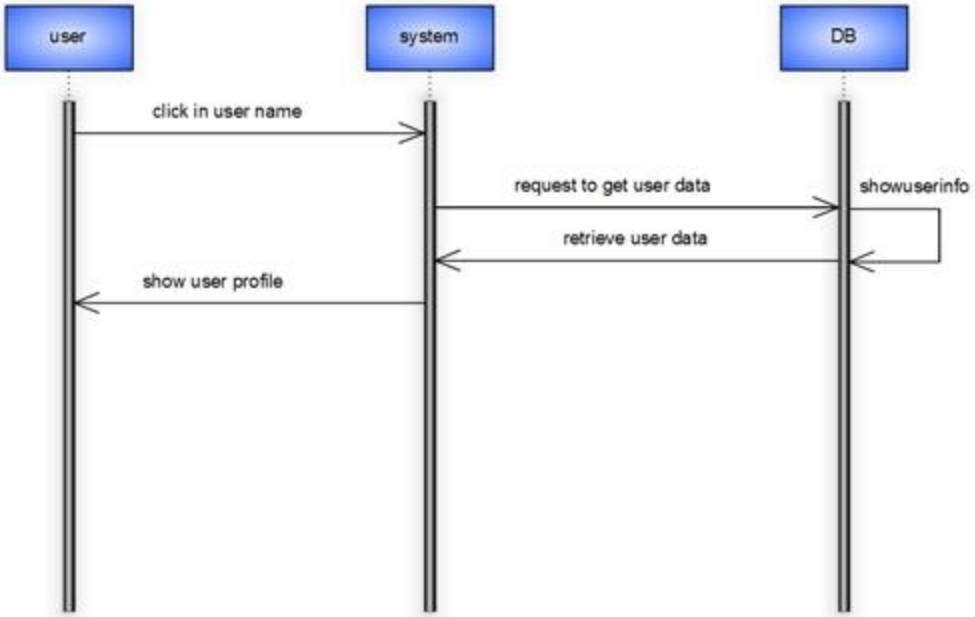


# sequence diagrames

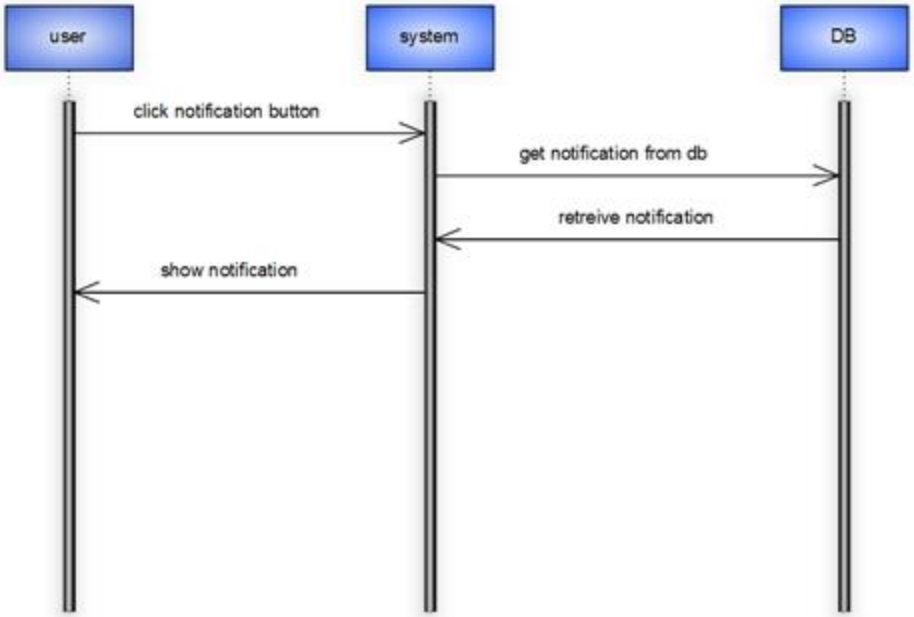


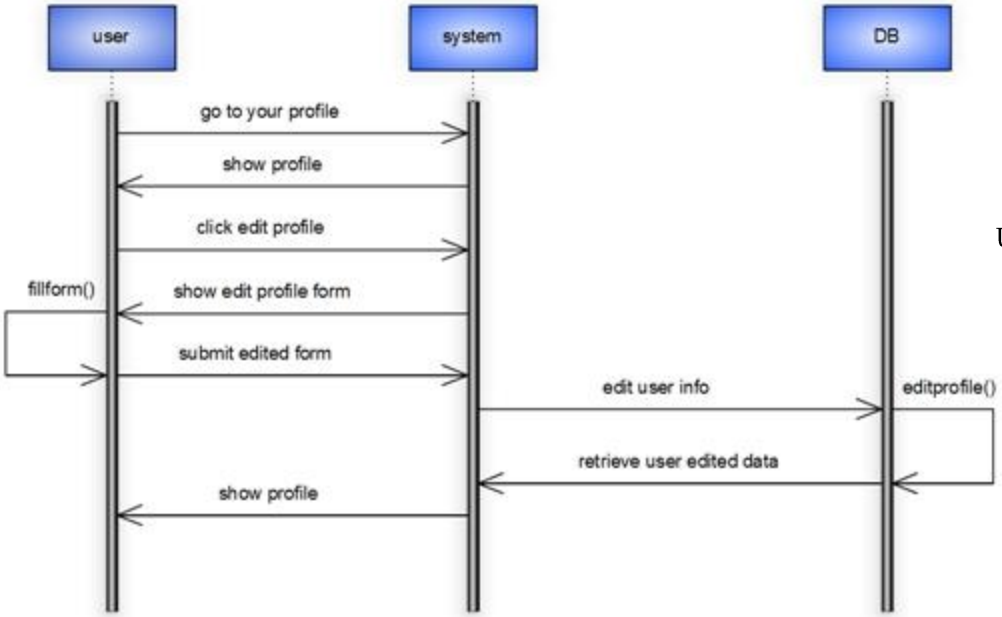

user
system
DB
view post
type your comment
click submit button
addcommenttoDB()
request to save comment in post
comment added
show your comment
admin
system
DB
view user profile
click remove user
request to remove user data
removeuserfromDB()
user removed
show message{user removed}



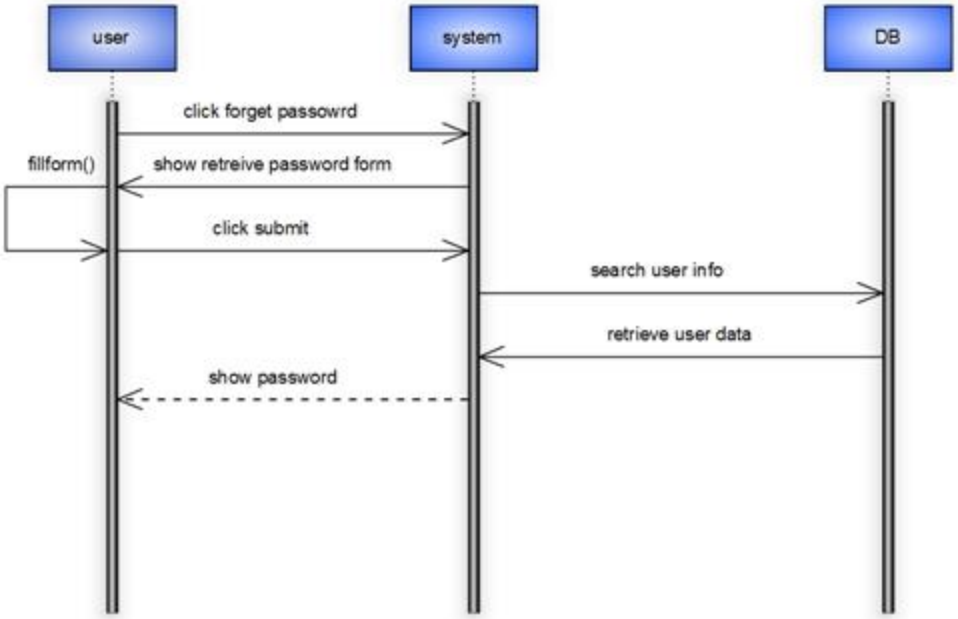

Show user profile



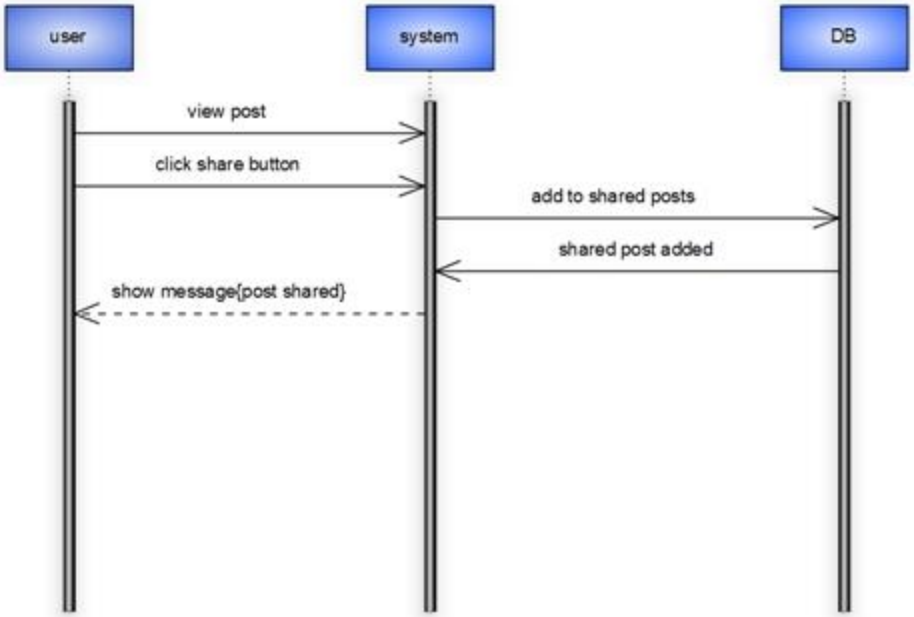

View notification



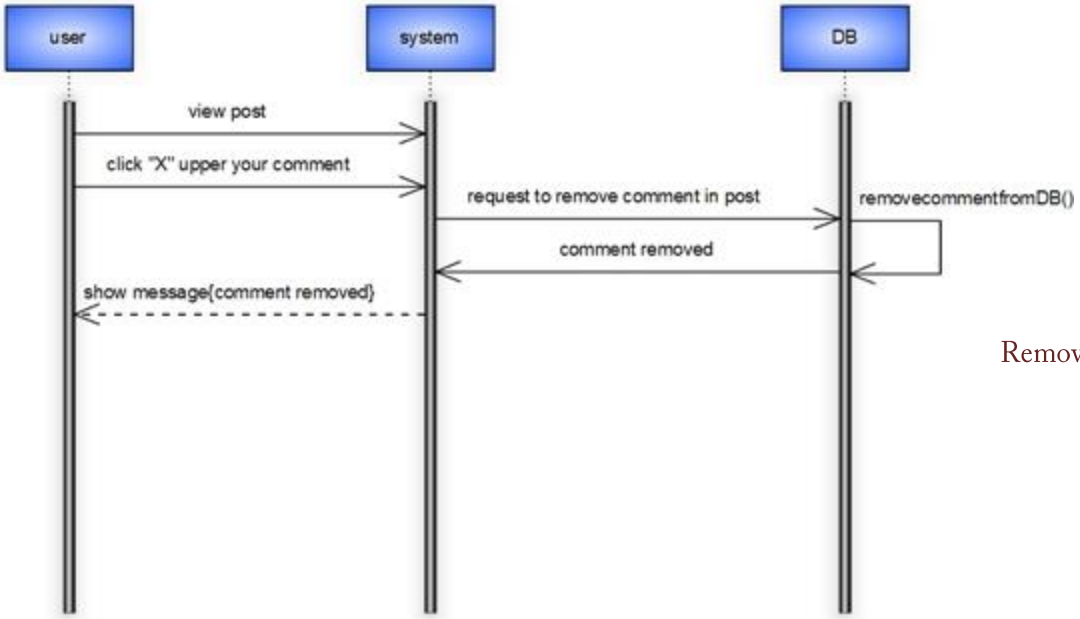

Update profile



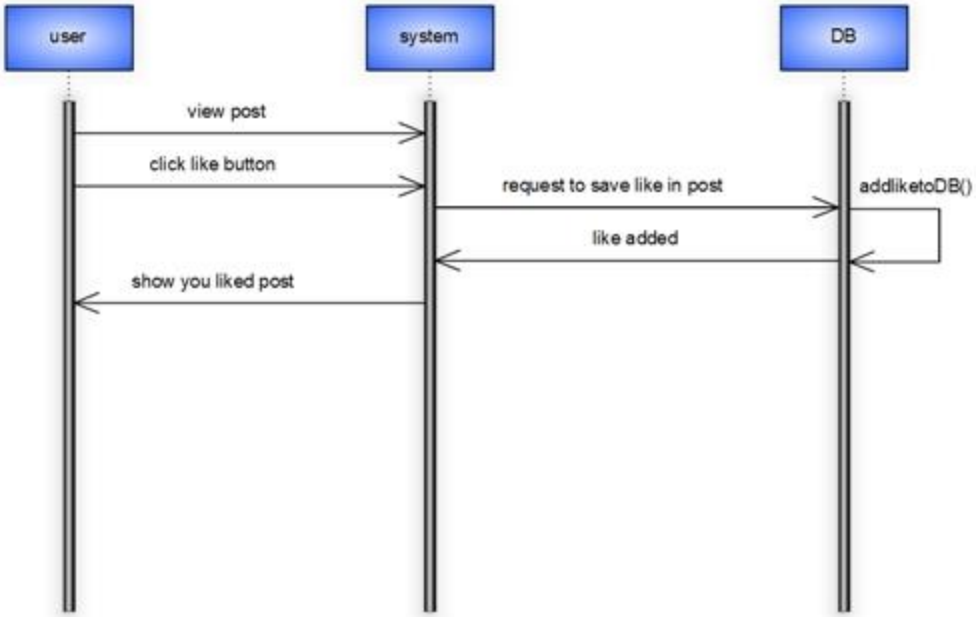

Retrieve password



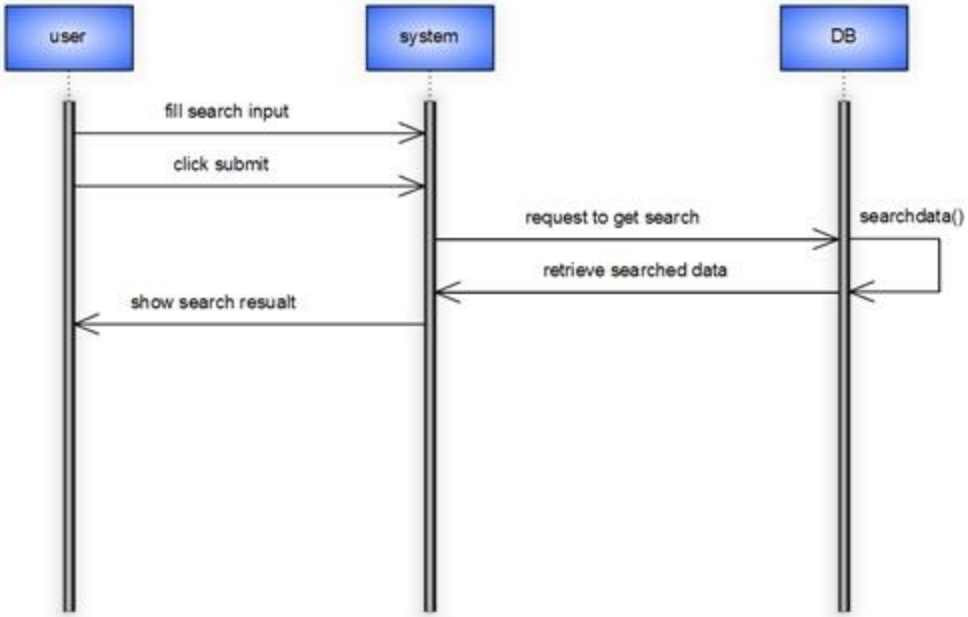

"Share"



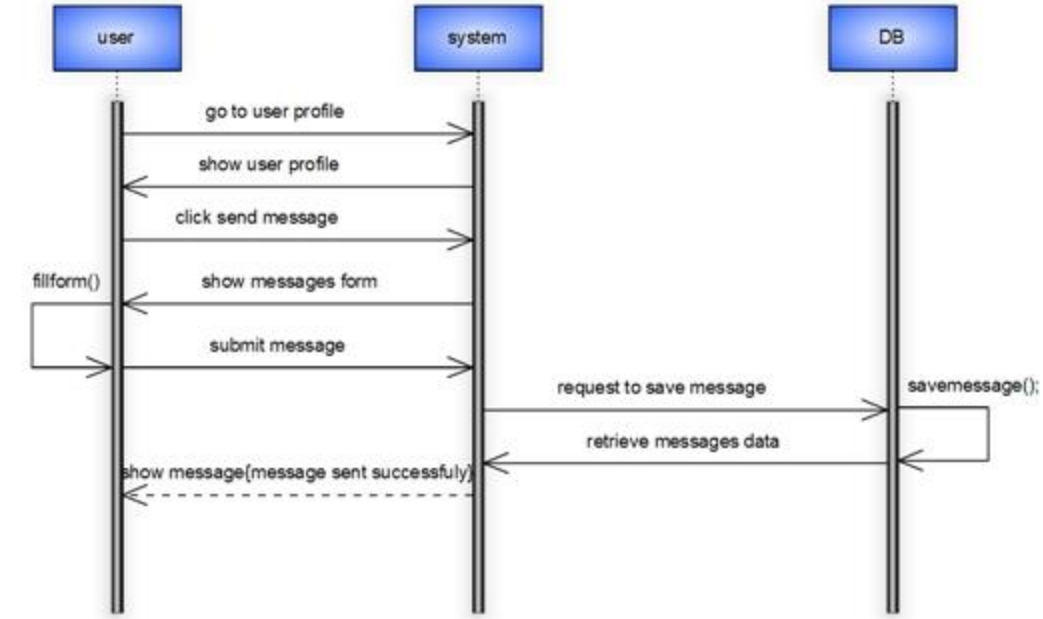

Remove comment



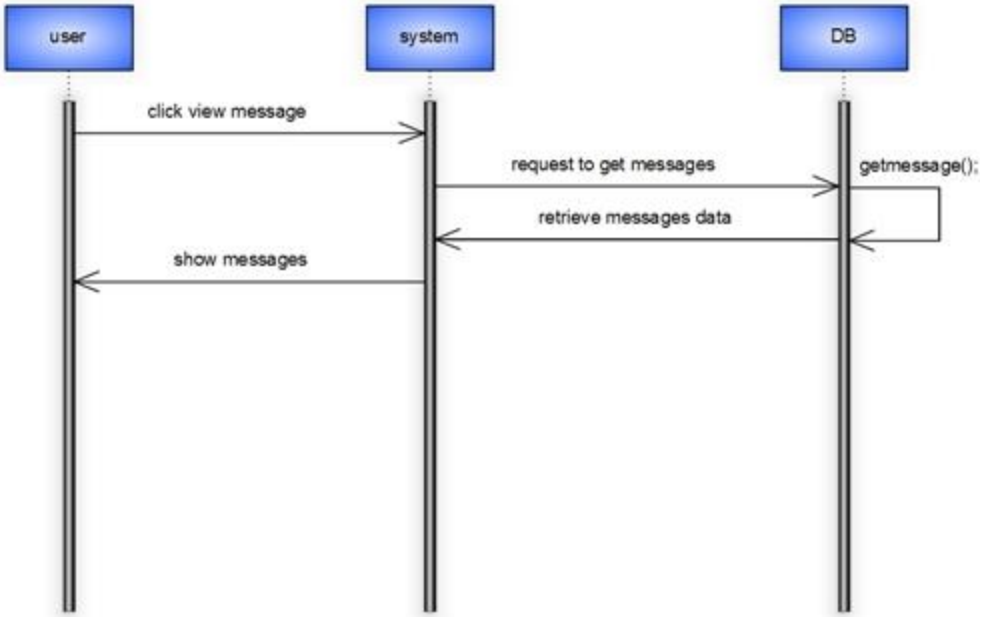

Like post



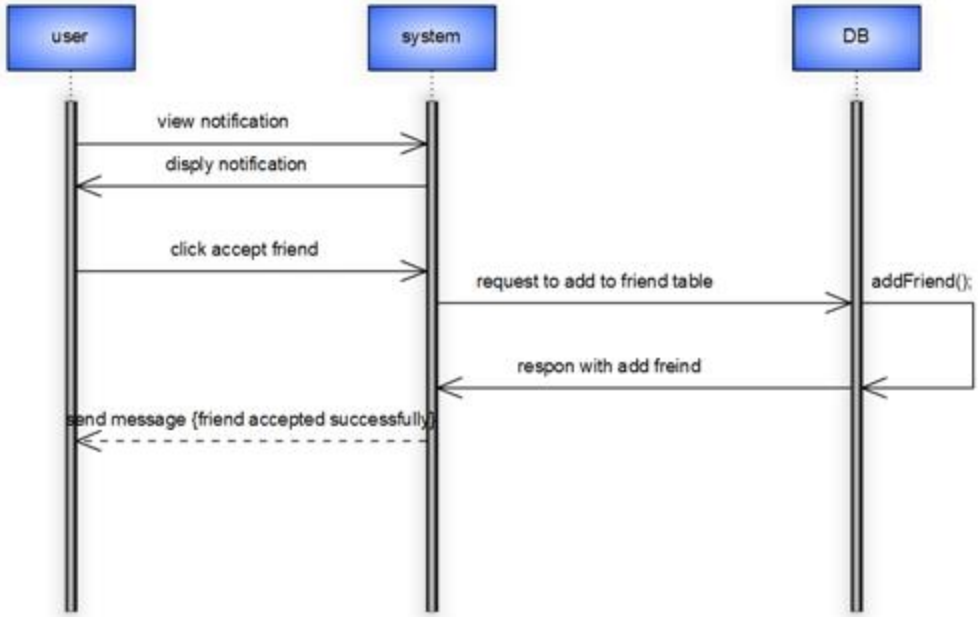

search



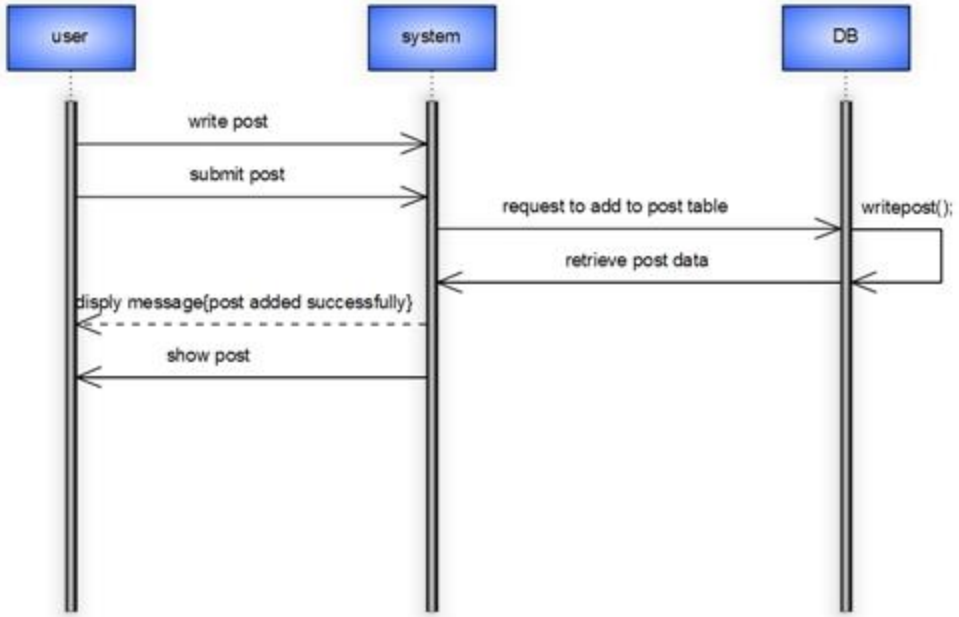

Send message



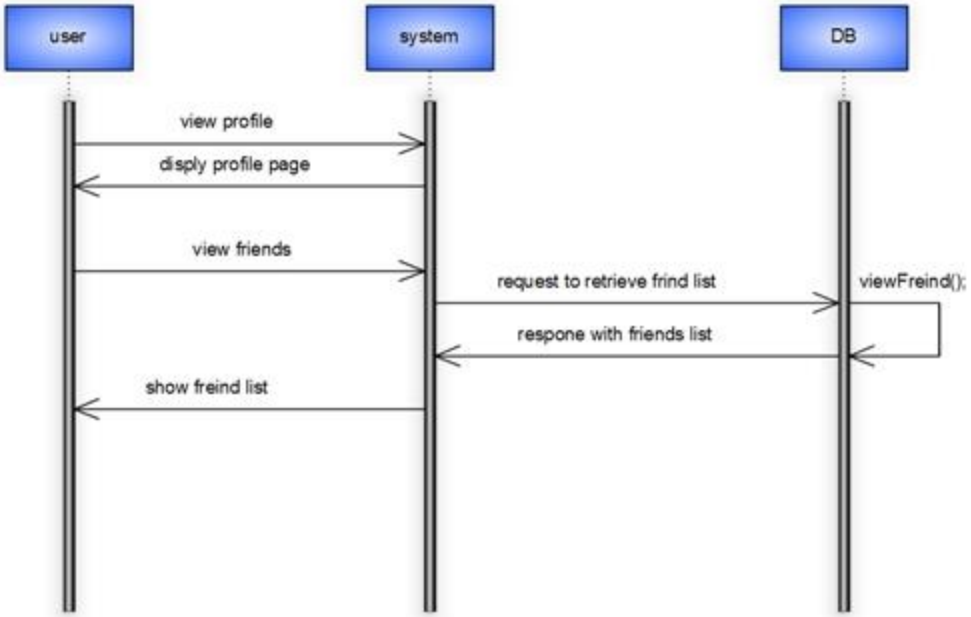

View message



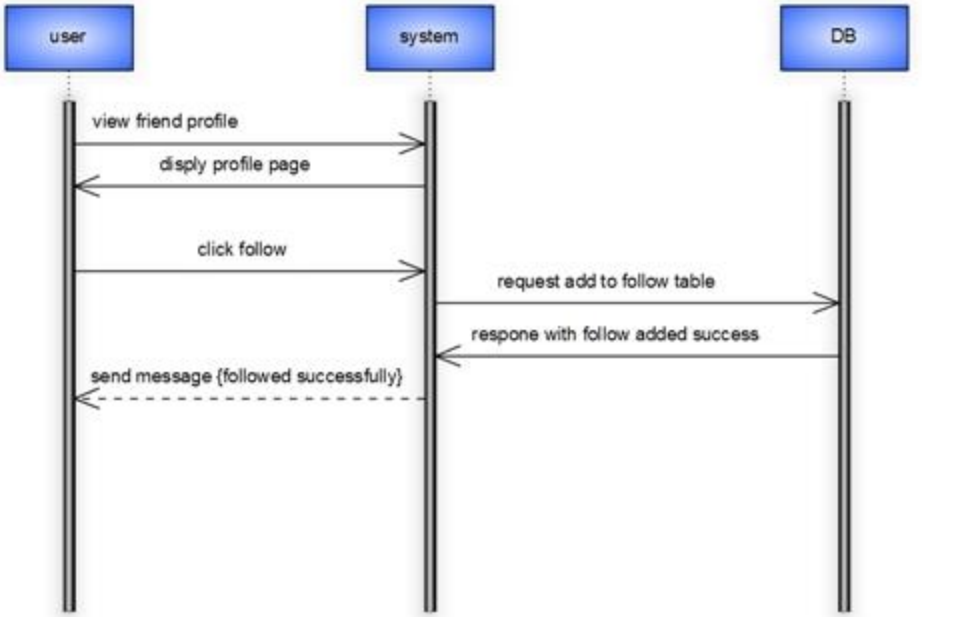

Accept friend



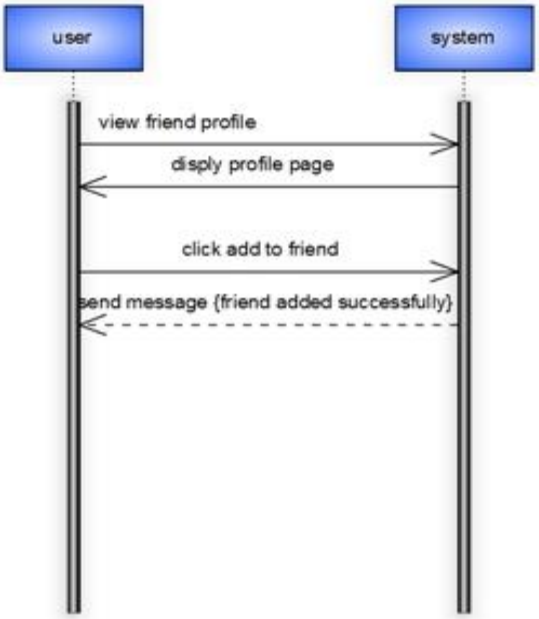

Write post



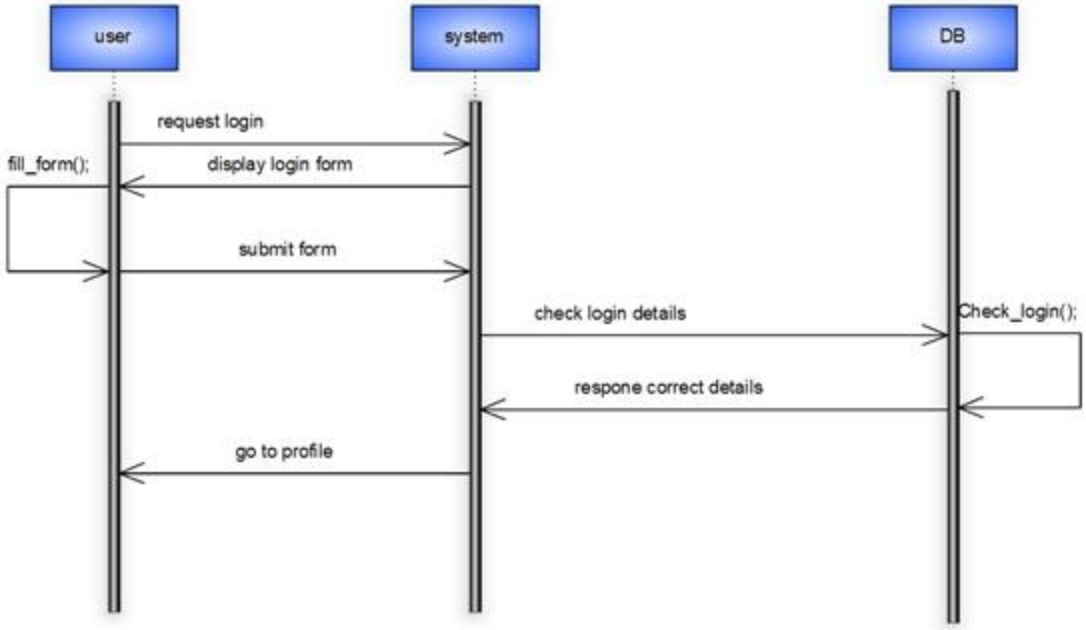

View friends




Follow

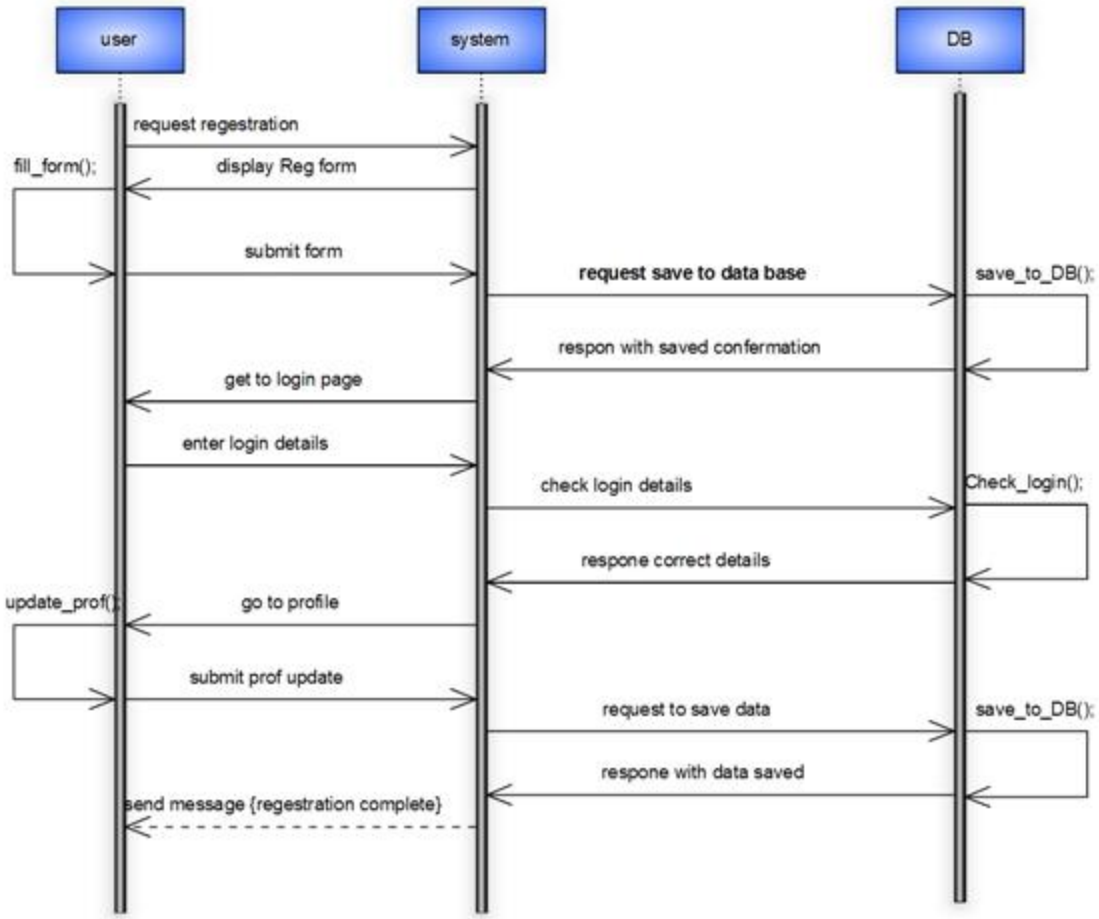



Add friend

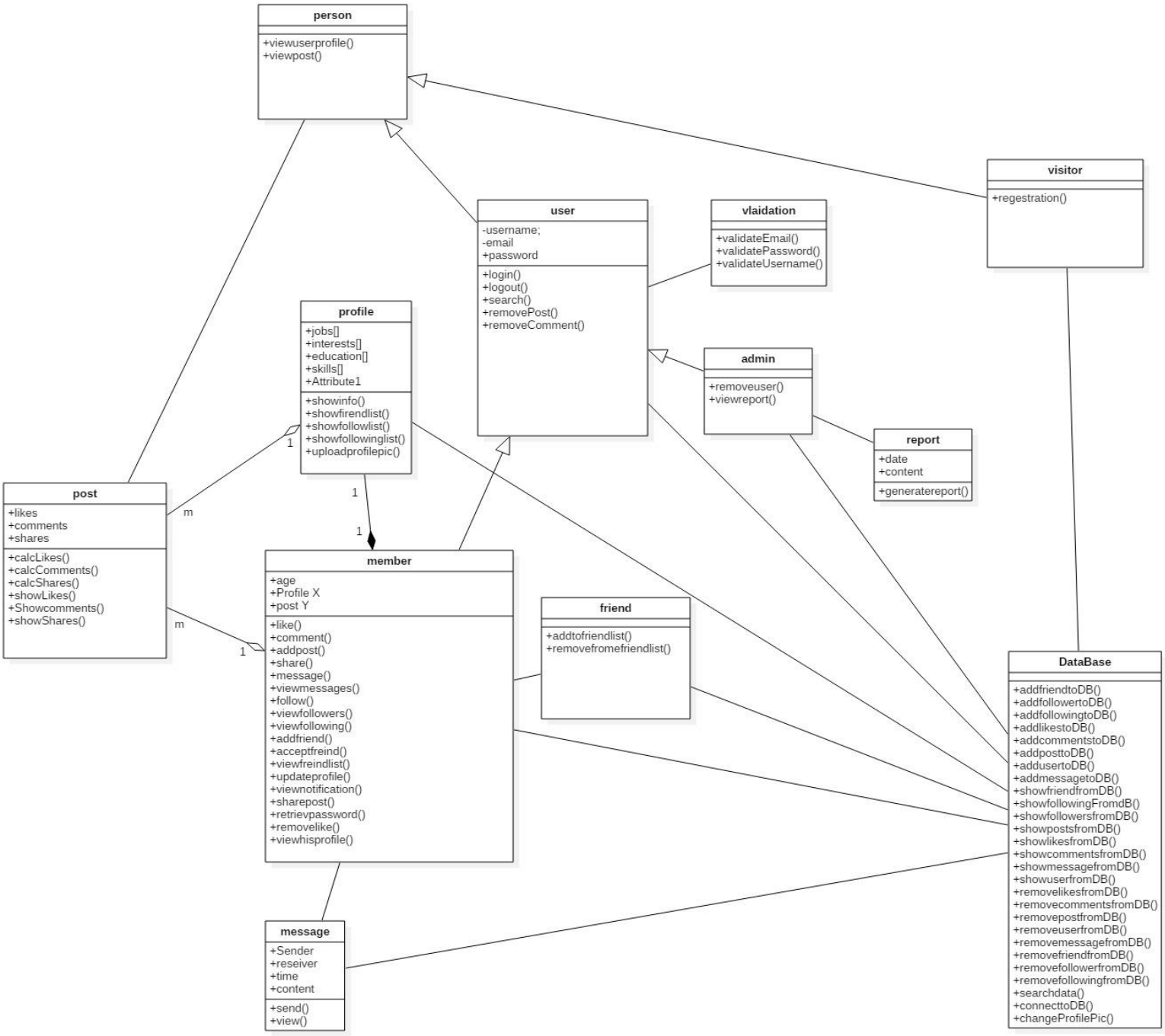



login

registration



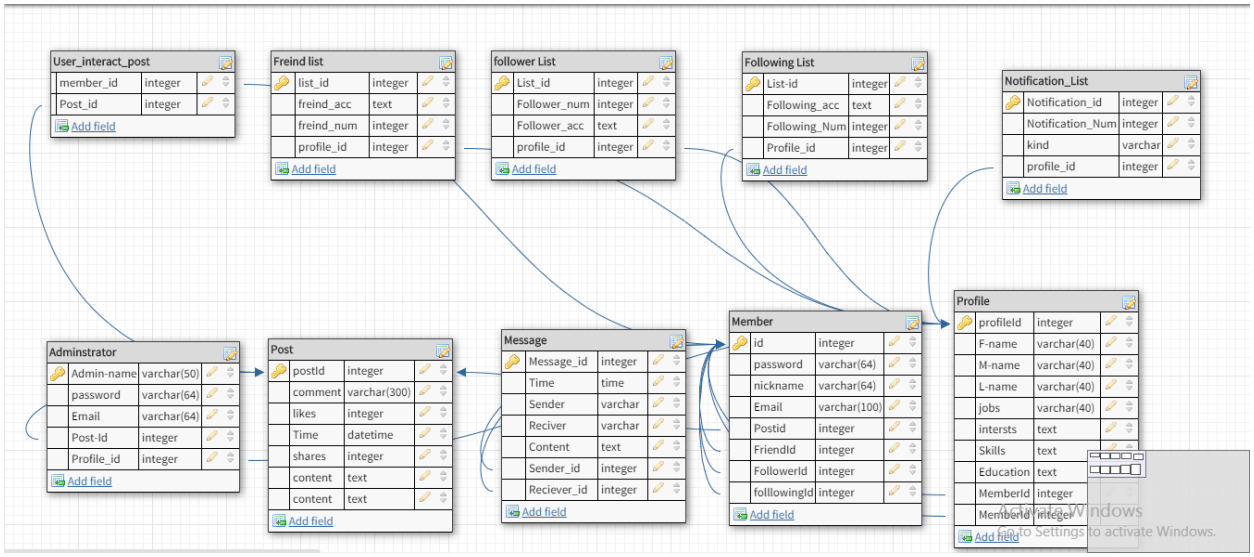
# Class diagram



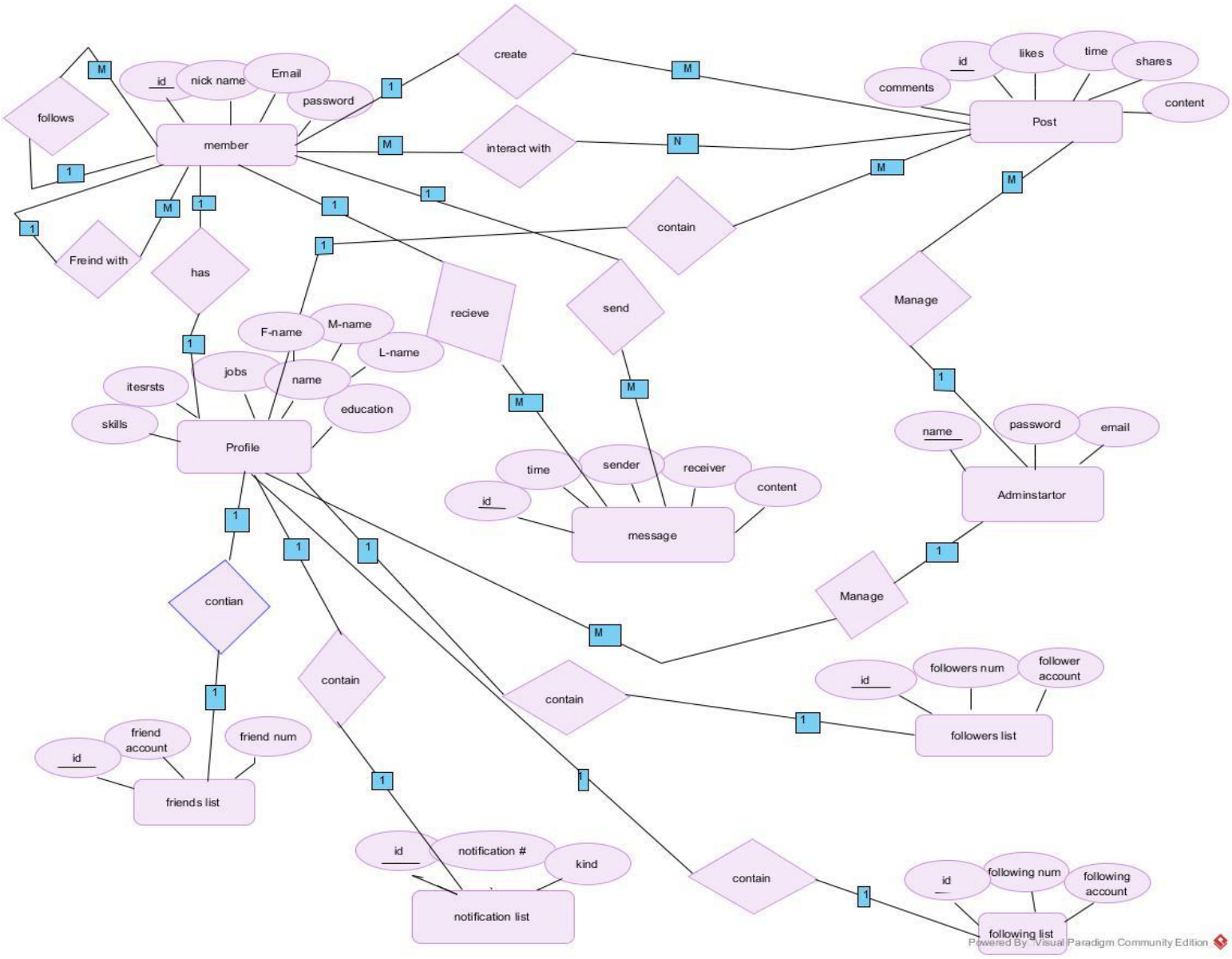
# 3. Data Design

## 3.1 Data Description

Data stored in database of the system, the stored data in the database like username of users, their password, skills, and their activities.




*DB schema*


create
follows
id
nick name
Email
password
member
interact with
comments
id
likes
time
shares
content
Post
contain
Freind with
has
recieve
send
Manage
F-name
M-name
L-name
jobs
name
itesrsts
education
skills
Profile
time
sender
receiver
content
id
message
name
password
email
Adminstartor
Manage
contian
contain
contain
id
followers num
follower account
followers list
friend account
friend num
id
friends list
id
notification #
kind
notification list
contain
id
following num
following account
following list
Powered By Visual Paradigm Community Edition

ER diagram

# 4. Human Interface Design

## 4.1 Overview of User Interface

Any user in the system can do many functions by using the application like communication with other, searching for jobs, add more experience to him, and collect a lot of information about his career . user can easily do all of this function by making an account on the application  and add his skills and career to make searching and communication mare easy to him .

# 5.Requirements Matrix

| | sign in | registration | part | like part | comment part | share part | follow | add friend | accept friend | view friend request | view friend | view part | view follower | view following | send message | view message | search | view profile | remove comment | remove like | remove part | remove user | update profile | view notifica | retrieve pass | upload photo | view report |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| sign in | | x | | | | | | | | | | | | | | | | | | | | | | | | | |
| registration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| part | x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| like part | x | | | | | | | | | | | x | | | | | | | | | | | | | | | |
| comment | x | | | | | | | | | | | x | | | | | | | | | | | | | | | |
| follow | x | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| add friend | x | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| accept friend | x | | | | | | | | | x | | | | | | | | | | | | | | | | | |
| view friend | x | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| view follower | x | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| view following | x | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| send message | x | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| view message | x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| search | x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| view profile | x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| view part | x | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| remove account | x | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| remove comment | x | | | | | | | | | | | x | | | | | | | | | | | | | | | |
| remove like | x | | | | | | | | | | | x | | | | | | | | | | | | | | | |
| remove part | x | | | | | | | | | | | x | | | | | | | | | | | | | | | |
| update profile | x | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| view notification | x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| retrieve password | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| view part | x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| upload photo | x | | | | | | | | | | | | | | | | | | | | | | x | | | | |
| view report | x | | | | | | | | | | | | | | | | | | | | | | | | | | |