Cairo University

CS251: SOFTWARE ENGINEERING-1-2014

SOCIAL NETWORK

TA-MOHAMED SAMIR

SRS Doc TITLE: SN-API

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Contents

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Document Purpose and Audience

- This document has a description of a back-end API software, which is able to manage interactions between users, create and manage groups and pages, manage different type of posts and retrieve current posts in specific hashtag and sort these posts according to the most important post

- Audience of this document are developers-TAs-, and project managers.

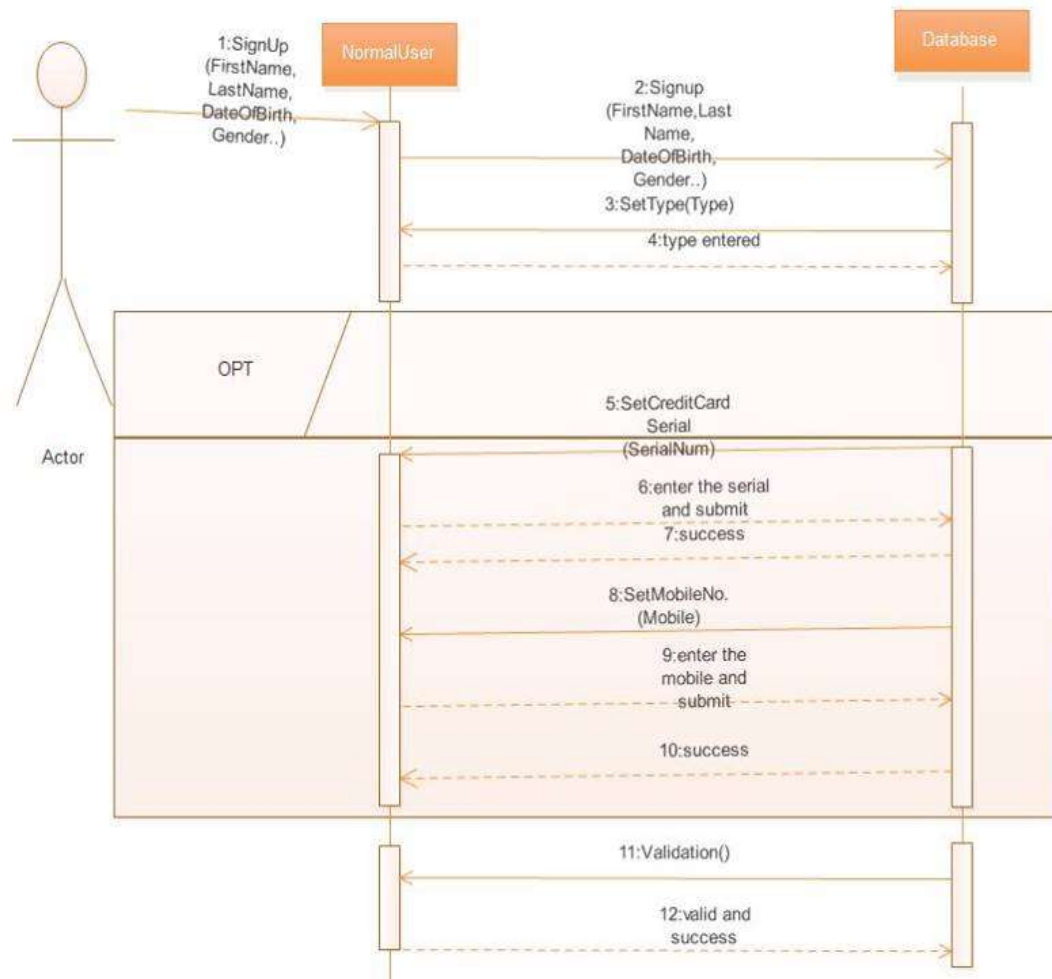# System Models

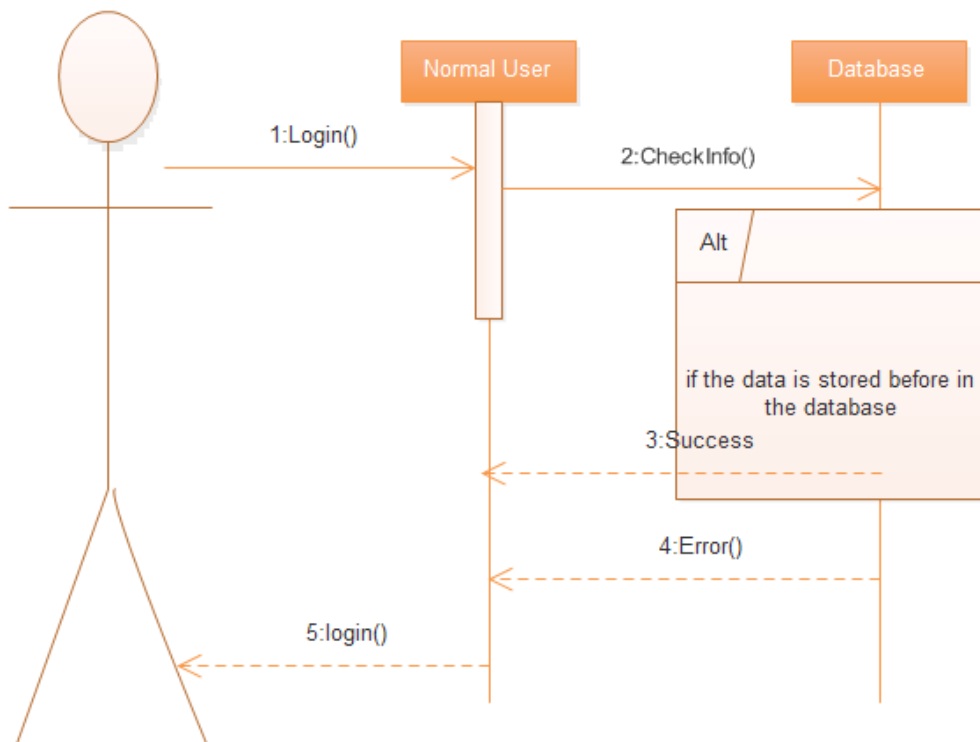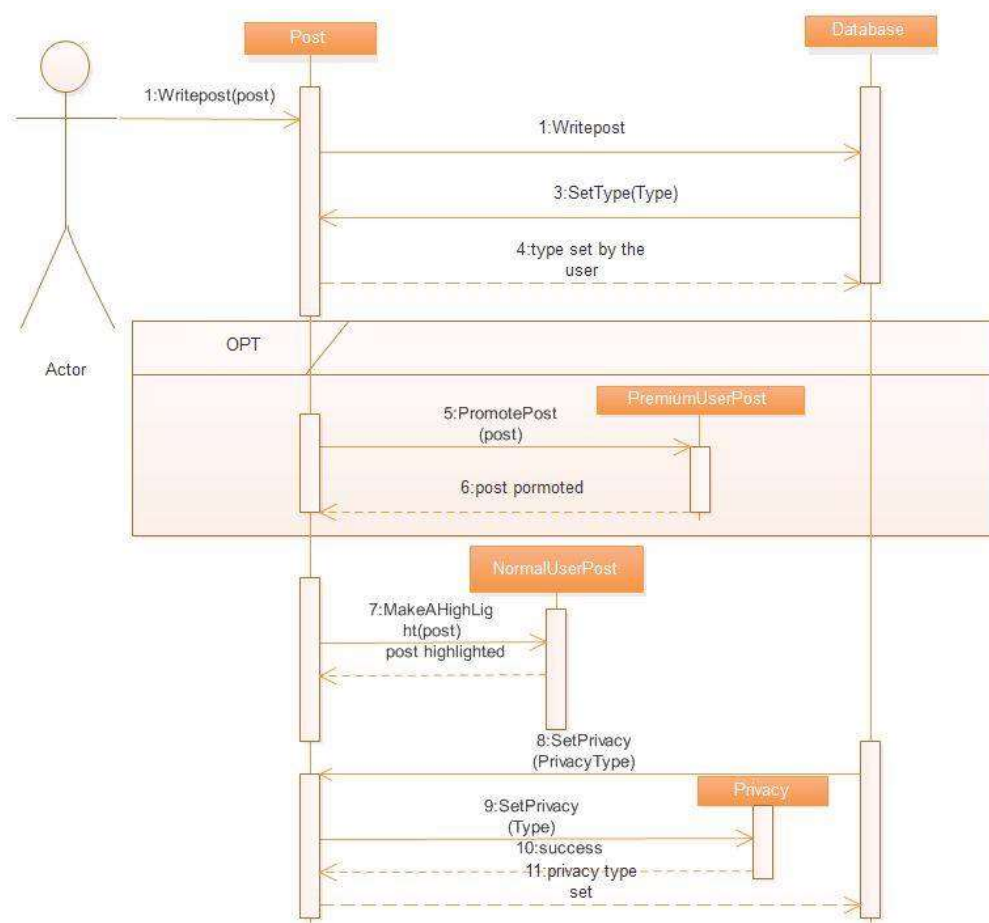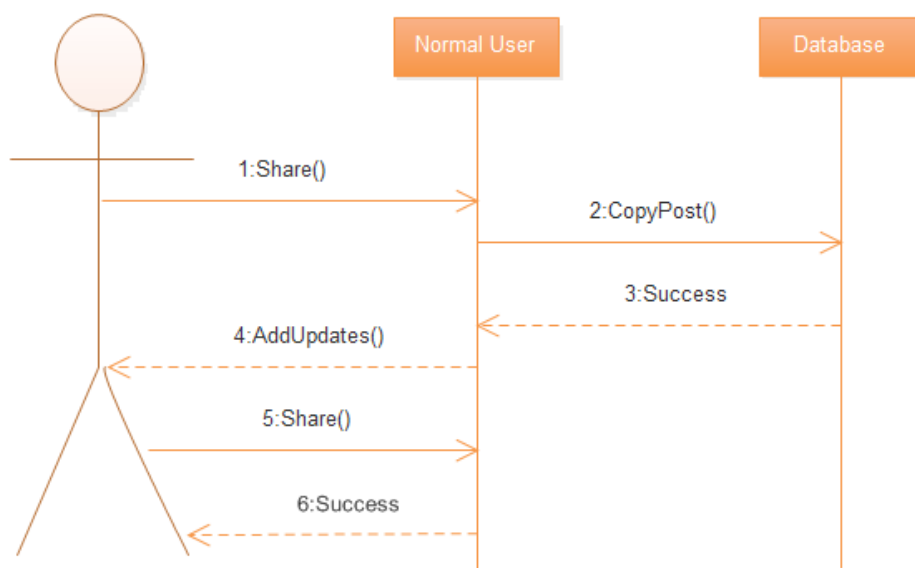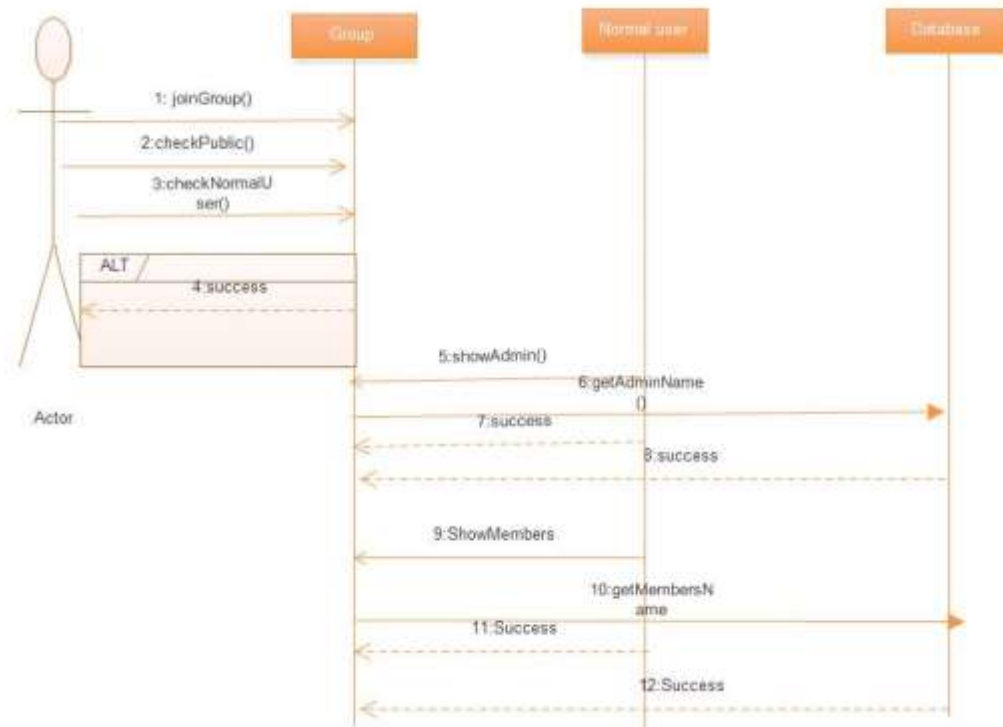## System Decomposition
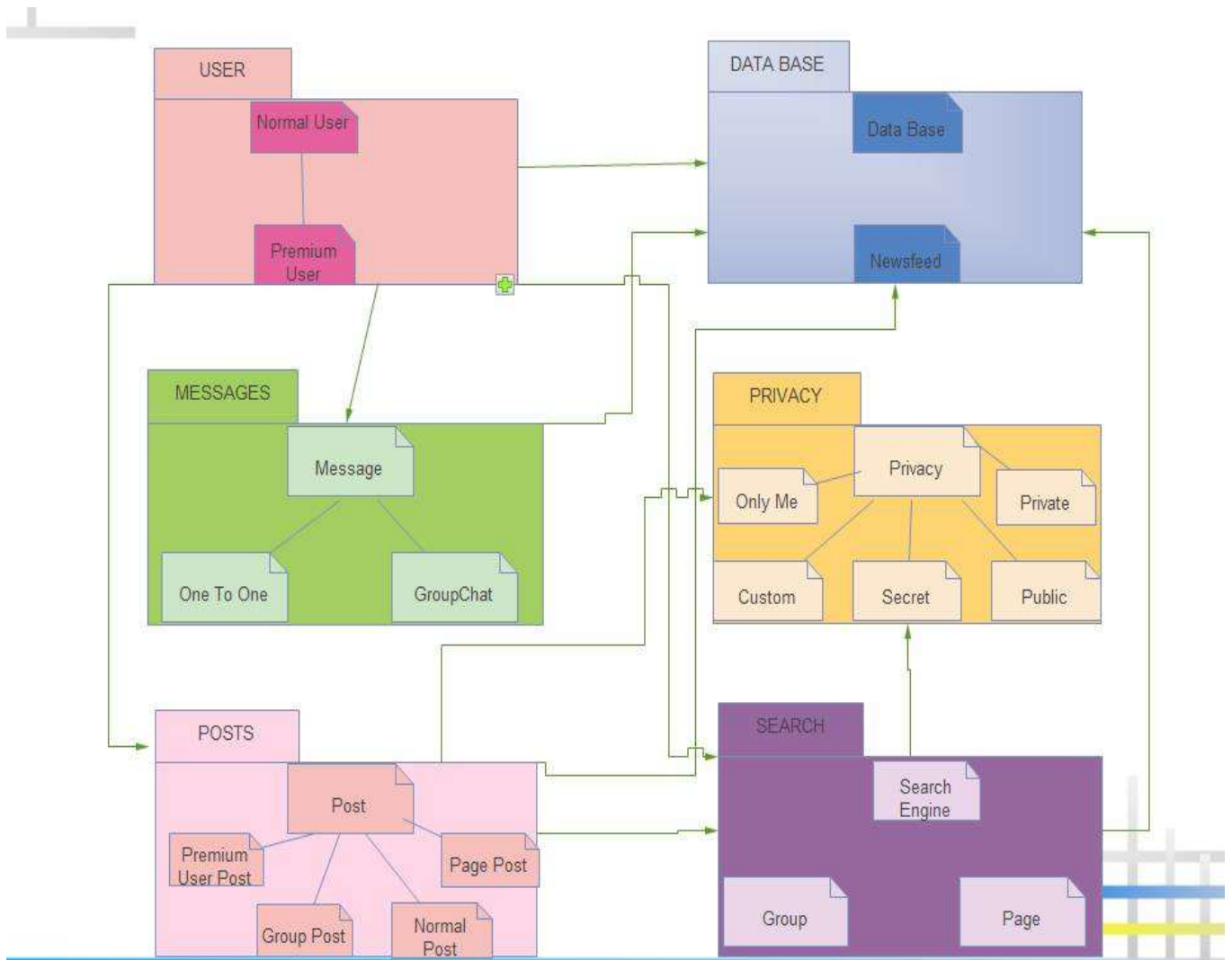
Class diagrams

Sequence diagrams

Signup():

Login():

WritePost:

Share():

JoinGroup():

Logout():
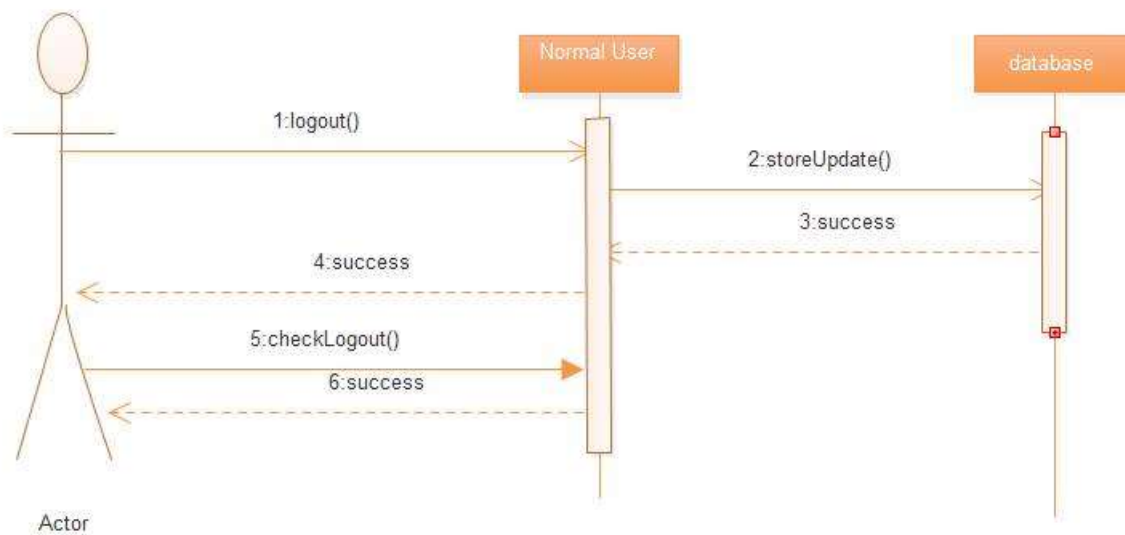
Sequence Diagrams Descriptions:

Signup:

Class Name	Sequence Diagrams	Overall used methods
Normal User	1,2,3,4,5,6,7,8,9,10,11,12	Sigup()
Data Base	2,3,4,5,6,7,8,9,10,11,12	Signup()

Login:

Class Name	Sequence Diagrams	Overall used methods
Normal User	1,2,3,4,5	login()
Data Base	2,3,4	CheckInfo()

Share:

Class Name	Sequence Diagrams	Overall used methods
Normal User	1,2,3,4,5,6	Share()
Data Base	2,3	CopyPost()

Joingroup:

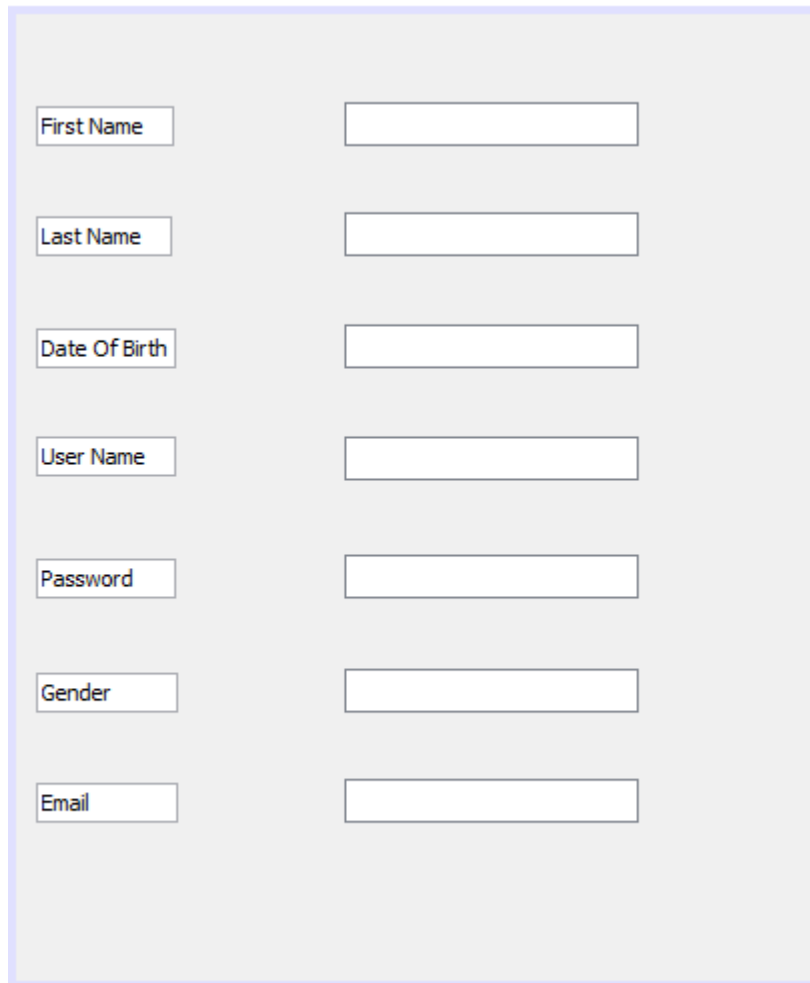| Class Name	Sequence Diagrams	Overall used methods
Group	1,2,3,4,5,6,7,8,9,10,11,12	joinGroup(),checkPublic(), checkNormalUser(), showAdmin(),showMembers(),
Normal User	5,7,9,11	
Database	6,8,10,12	getAdminName(),getMembersName()

Logout:

Class Name	Sequence Diagrams	Overall used methods
Normal User	1,2,3,4,5,6	logout(),checkLogout()
Data Base	2,3	storeUpdate()

Physical Entity-Relationship Diagram:
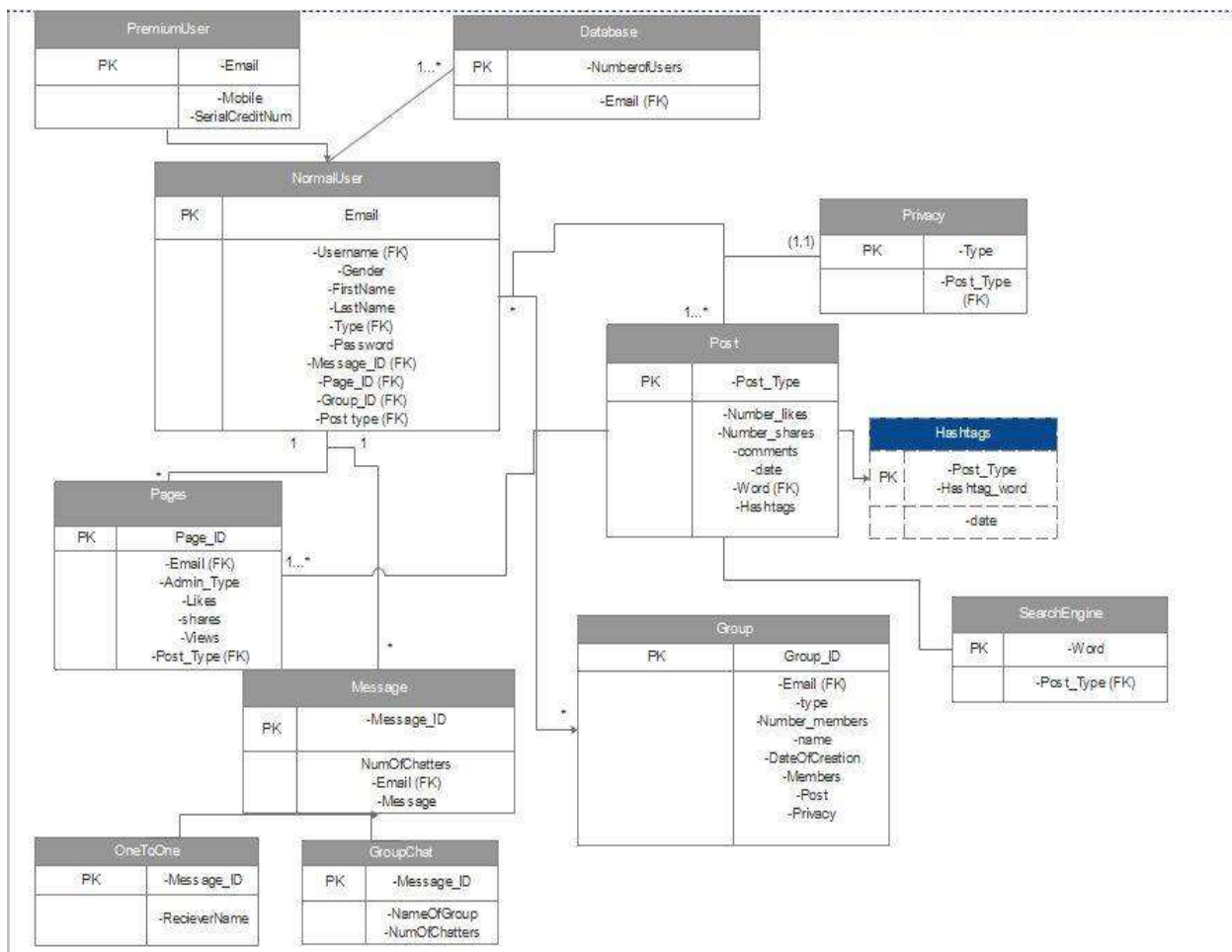
USER INTERFACE

First Name	
Last Name	
Date Of Birth	
User Name	
Password	
Gender	
Email	

Ownership Report

Item	Owners
Decomposition Diagram And Purpose	Nada Abdelkader Khaled
User Interface	Raghda Mohamed Ahmed
Class Diagram	Lobna Mostafa El-Shazly And Raghda Mohamed

| Sequence Diagram And ERD | Lobna Mostafa El-Shazly |