

CS251: SOFTWARE ENGINEERING-1-2014

SOCIAL NETWORK

TA-MOHAMED SAMIR

SRS Doc TITLE: SN-API

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TEAM:

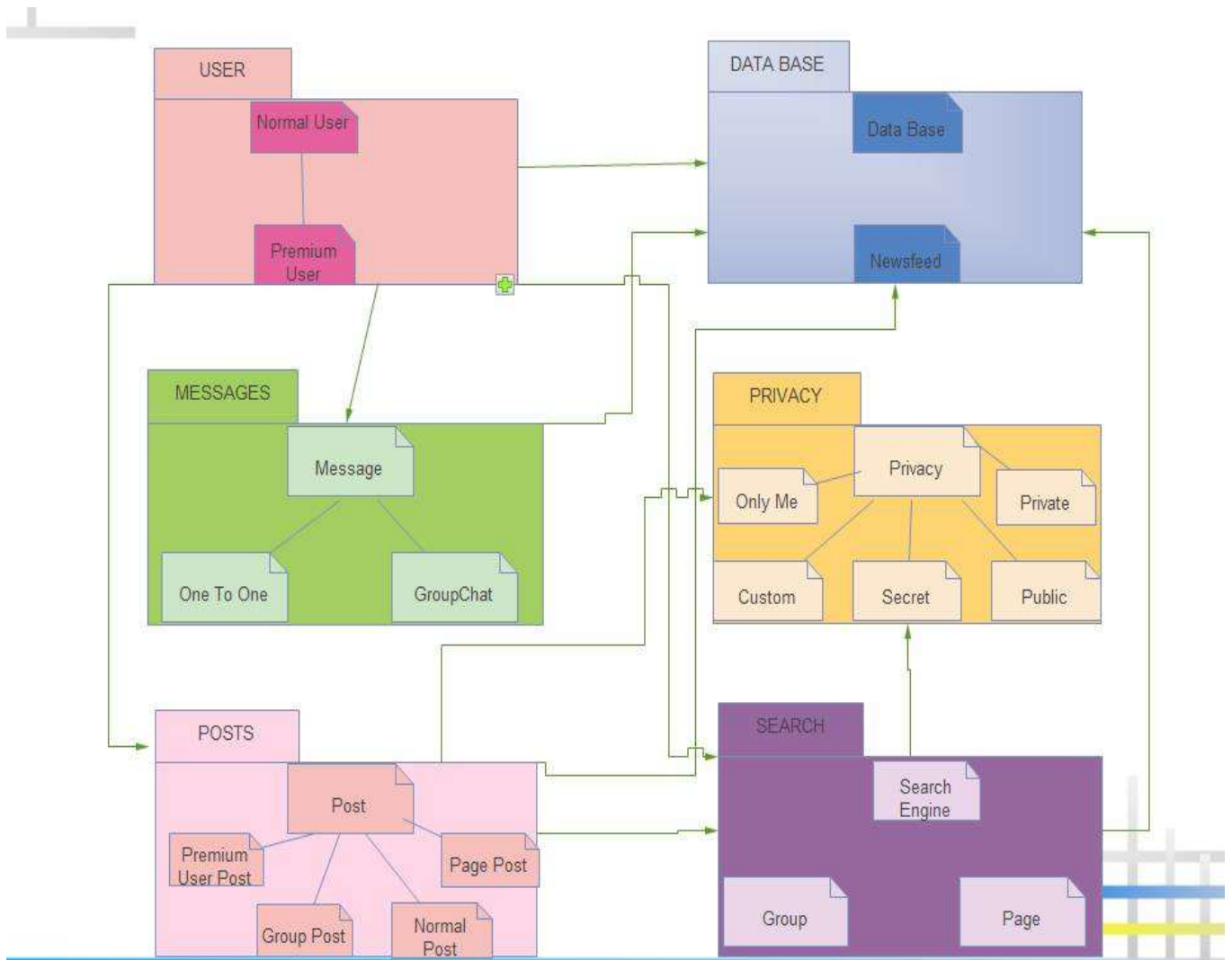
<u>ID</u>	<u>NAME</u>	<u>EMAIL</u>	<u>MOBILE</u>
20120280	Lobna Mostafa El-Shazly	lobna.elshazly@hotmail.com	01146312043
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Document Purpose and Audience

- 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

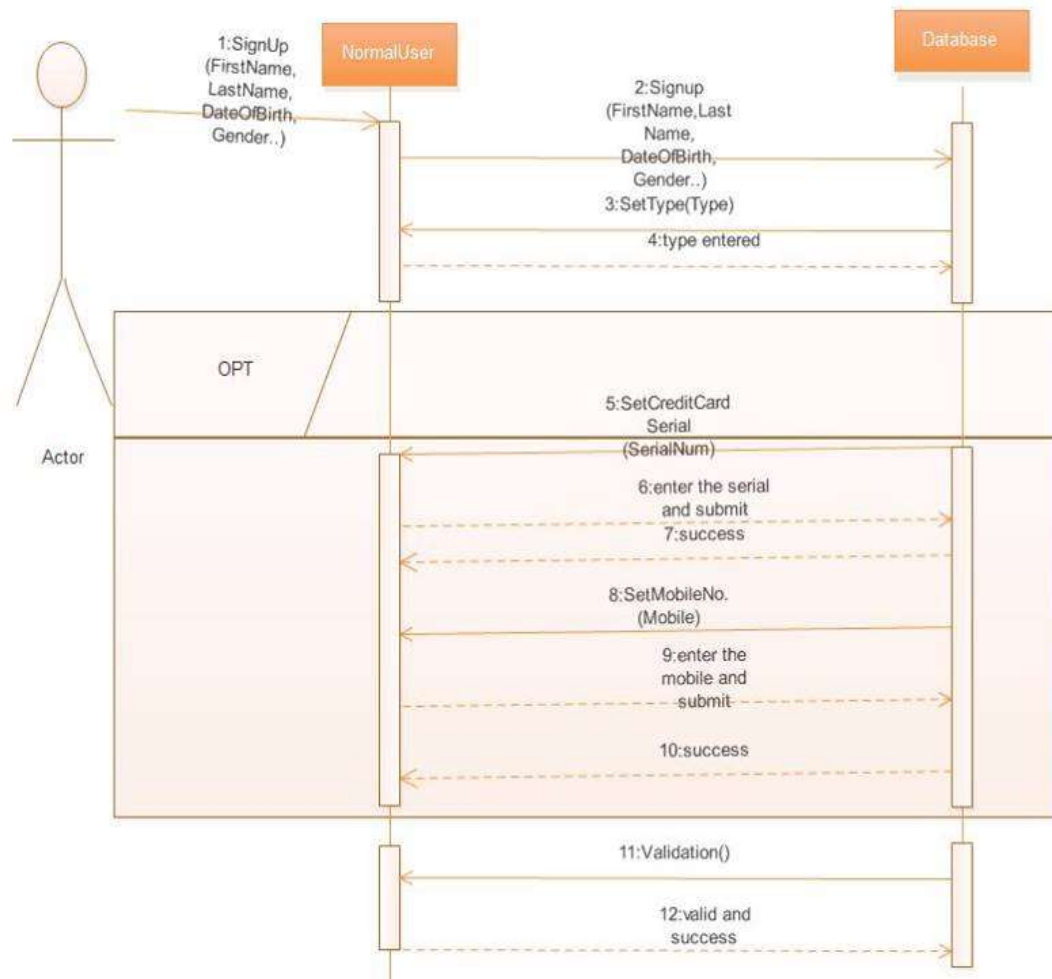


Class diagrams

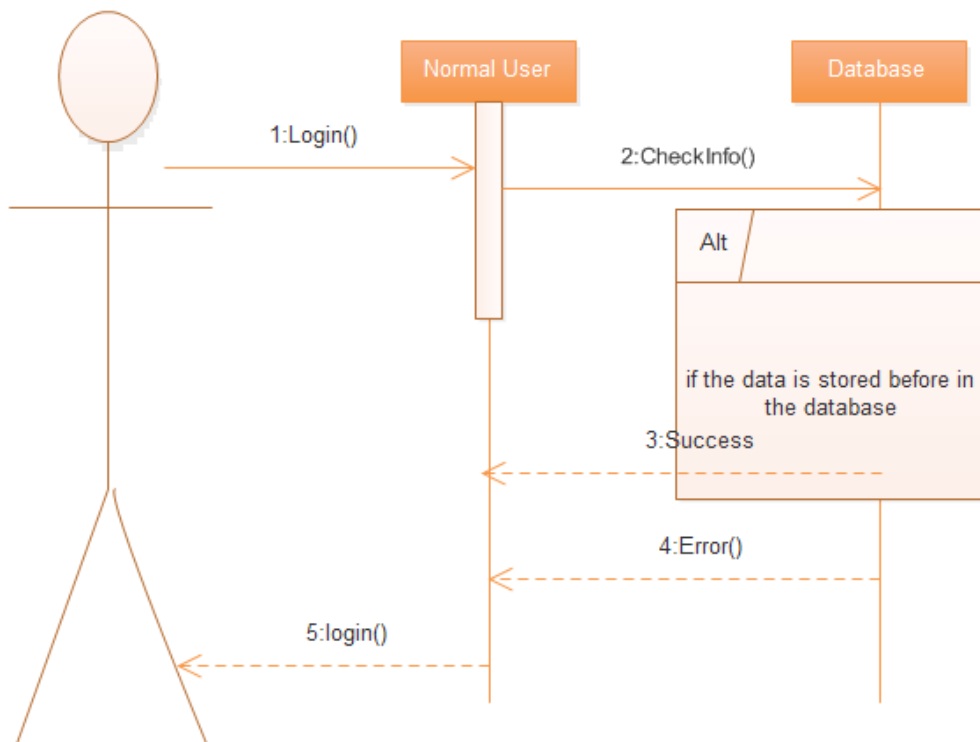


Sequence diagrams

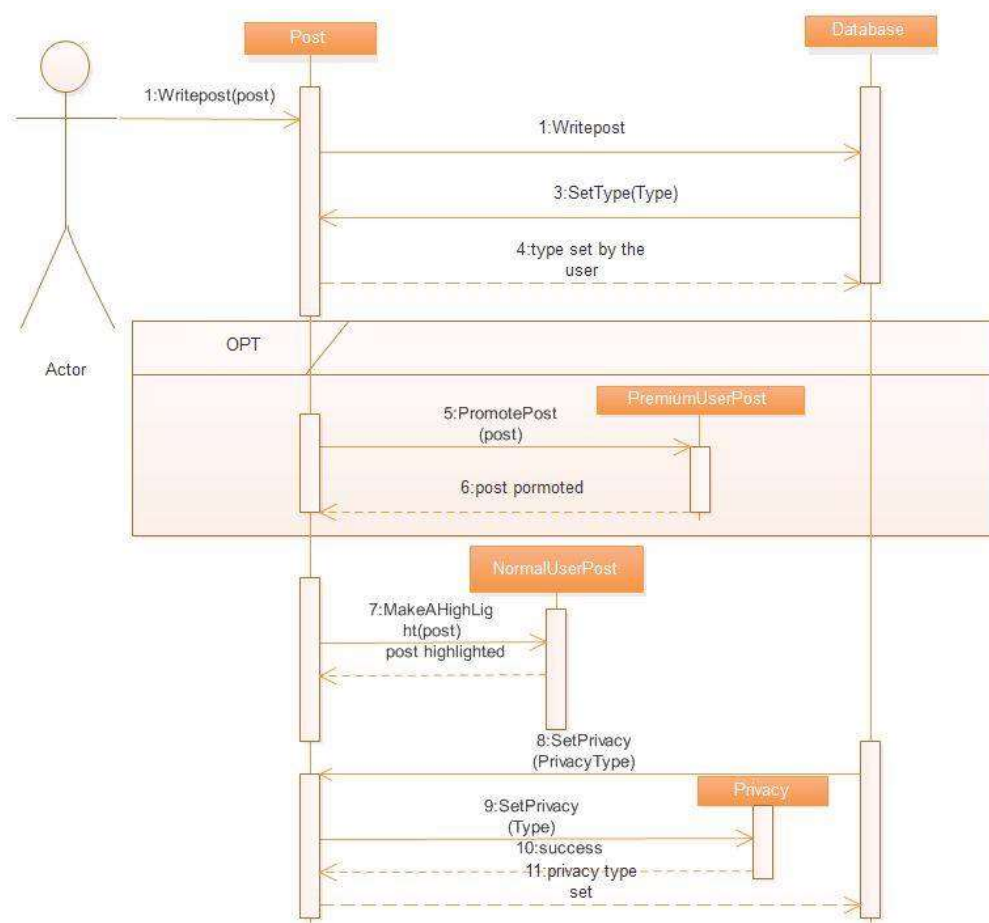
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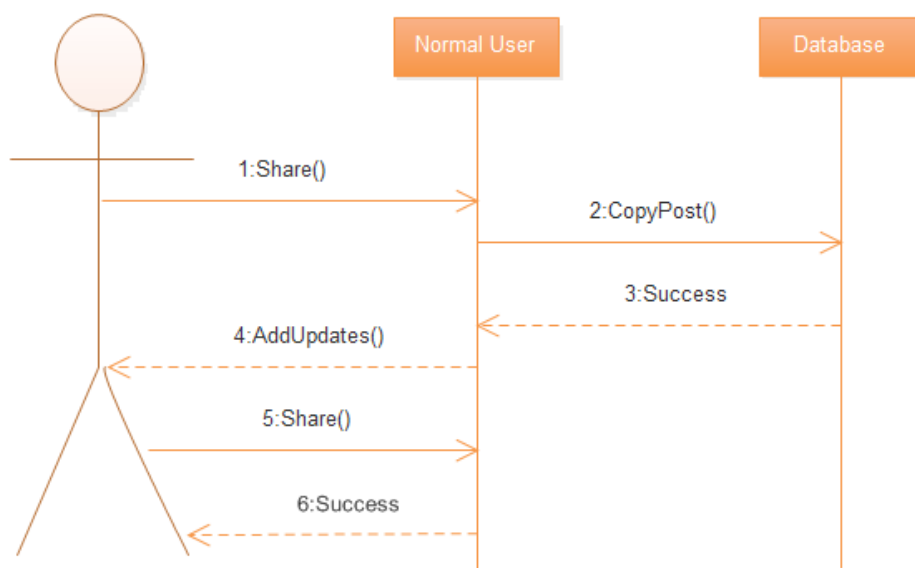
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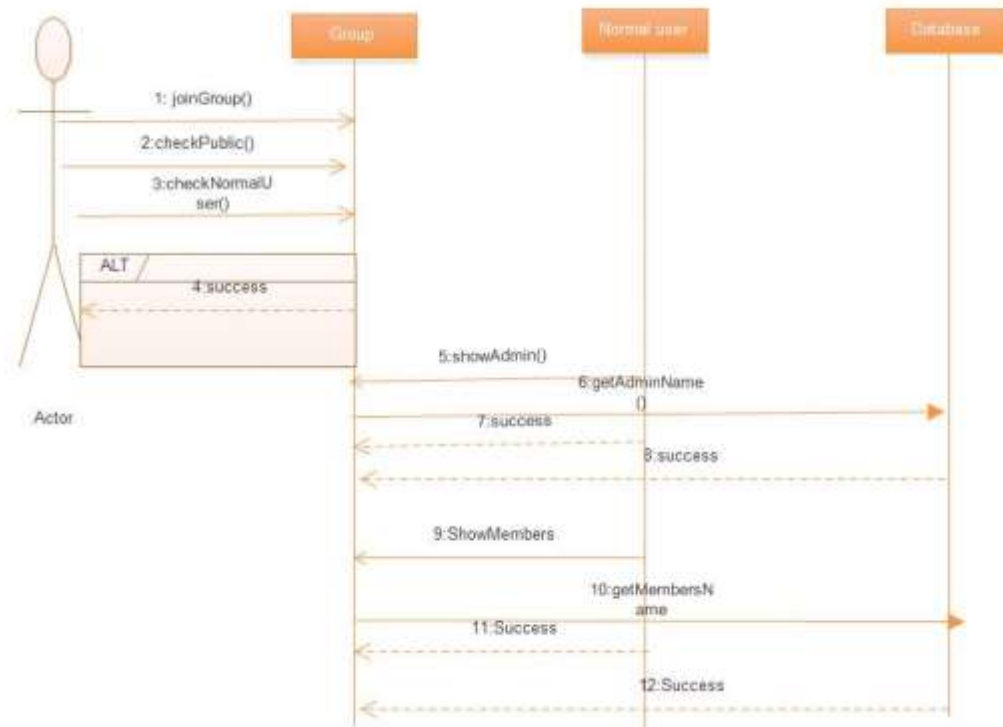
WritePost:



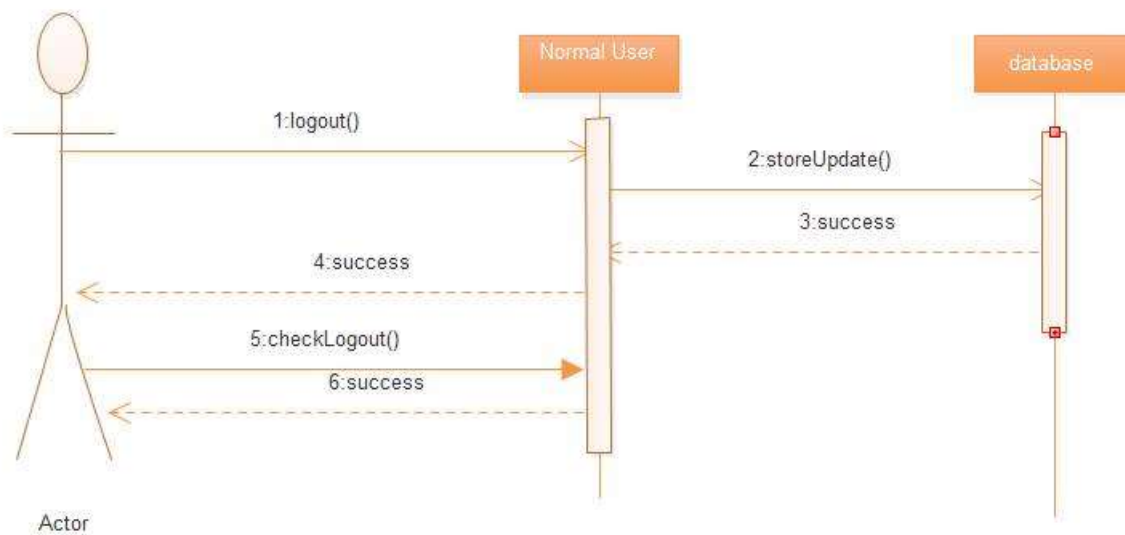
Share():



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()

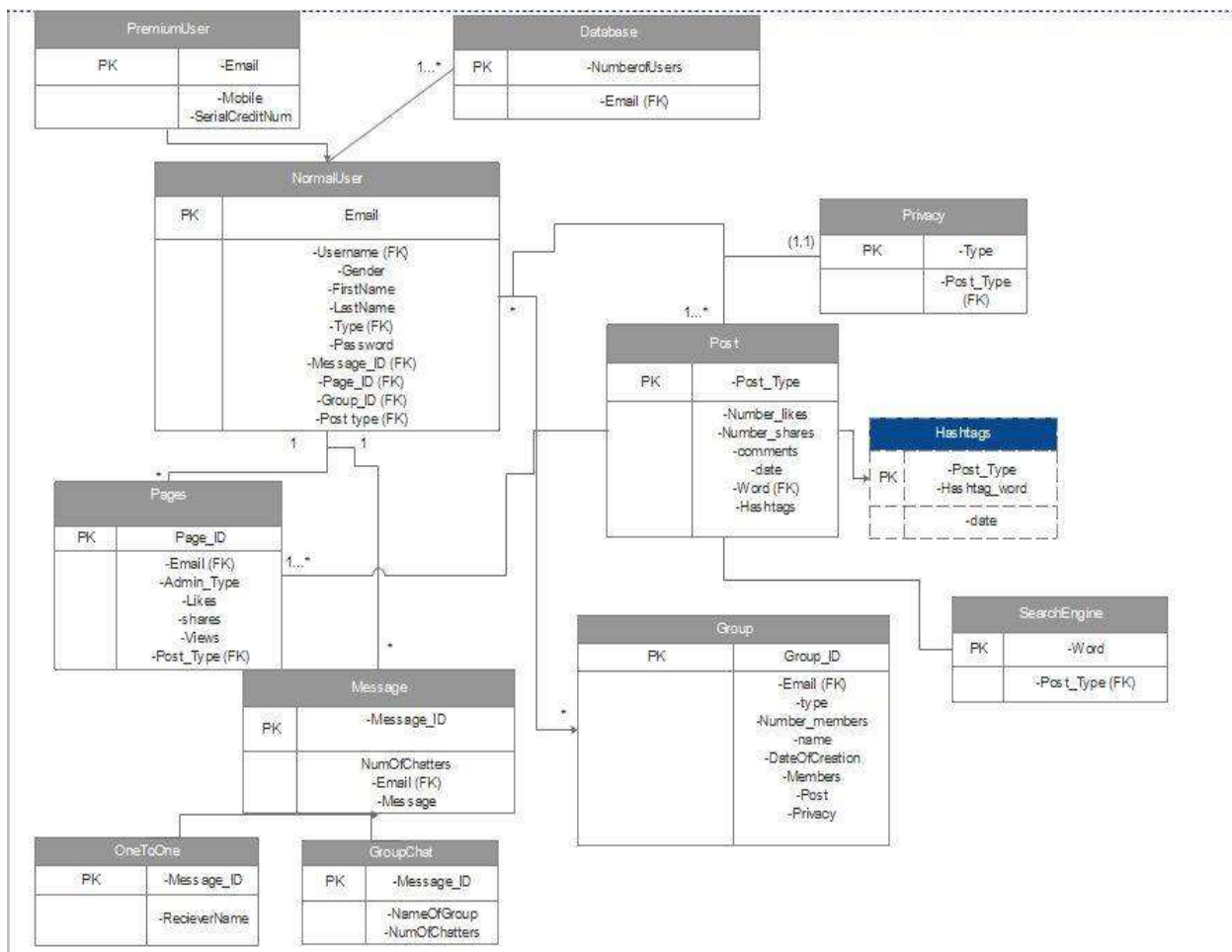
Joingroup:

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()

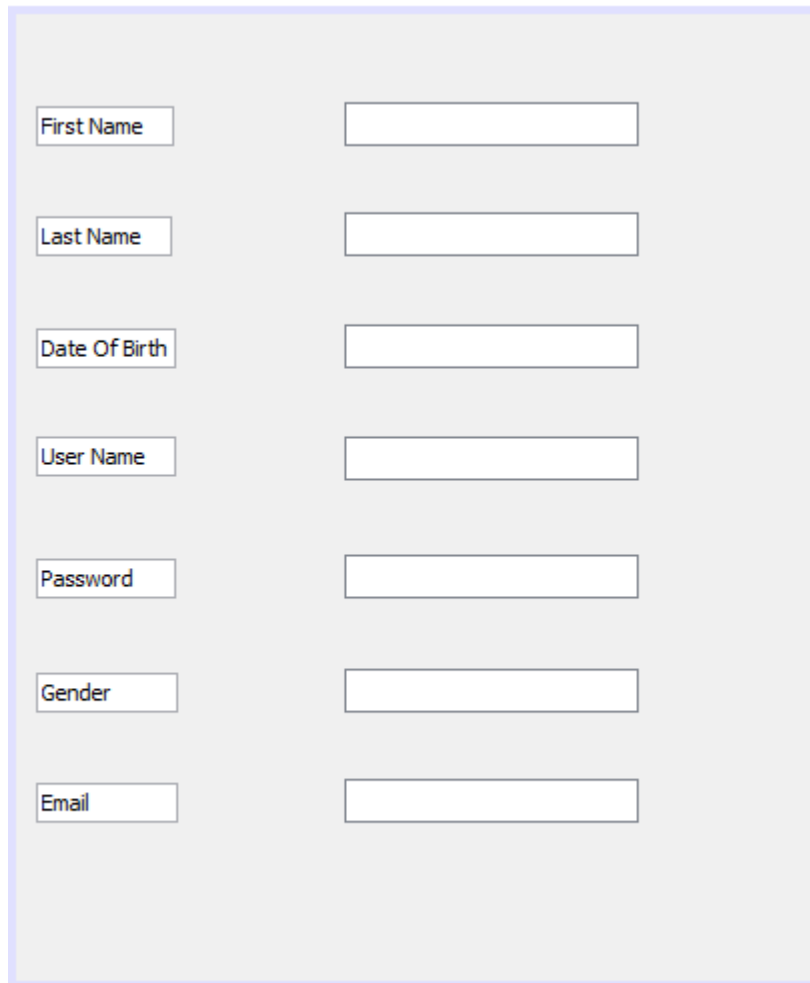
Logout:

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



A user interface form with a light gray background and a thin purple border. It contains seven input fields arranged vertically, each with a label to its left: 'First Name', 'Last Name', 'Date Of Birth', 'User Name', 'Password', 'Gender', and 'Email'. Each label is enclosed in a small white box with a thin black border. The input fields are empty white rectangles.

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
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