



CS251: SOFTWARE ENGINEERING-1-2014

SOCIAL NETWORK

TA-MOHAMED SAMIR

SRS Doc TITLE: SN-API

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Contents

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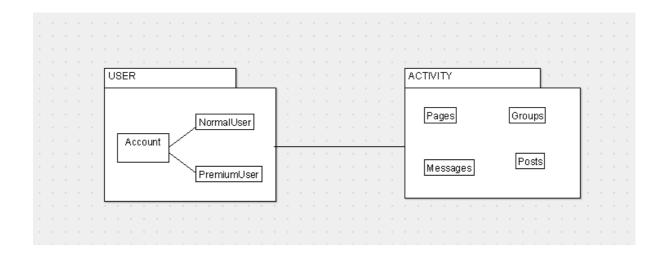
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Document Purpose and Audience

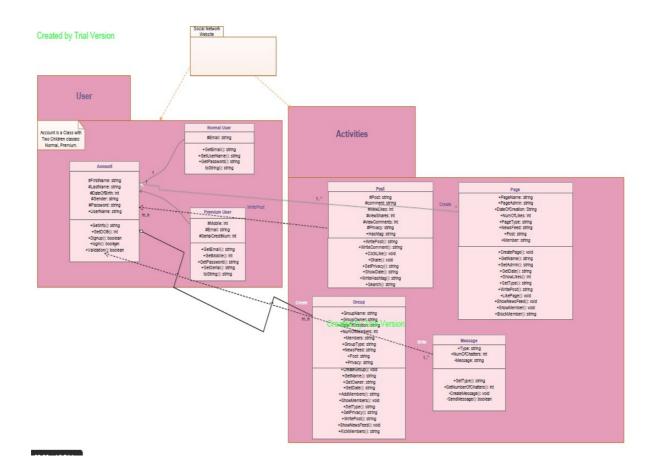
- This document has a description of a back-end API software, which is able to manage interactions between users, create and manage groups and pages, manage different type of posts and retrieve current posts in specific hashtag and sort these posts according to the most important post
- Audience of this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

System Models

System Decomposition

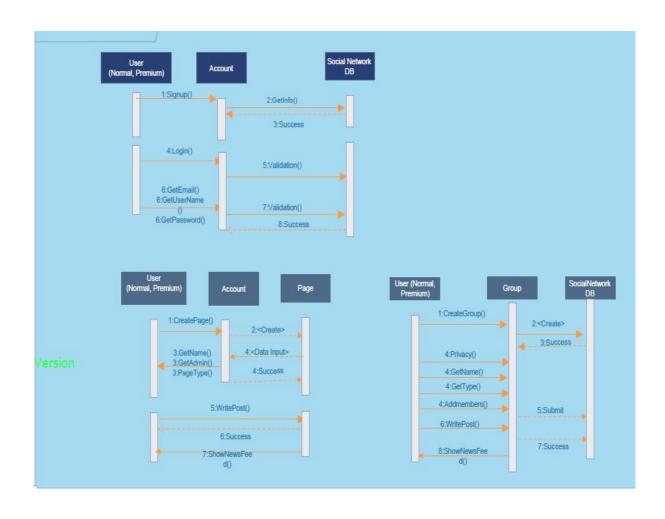


Class diagrams



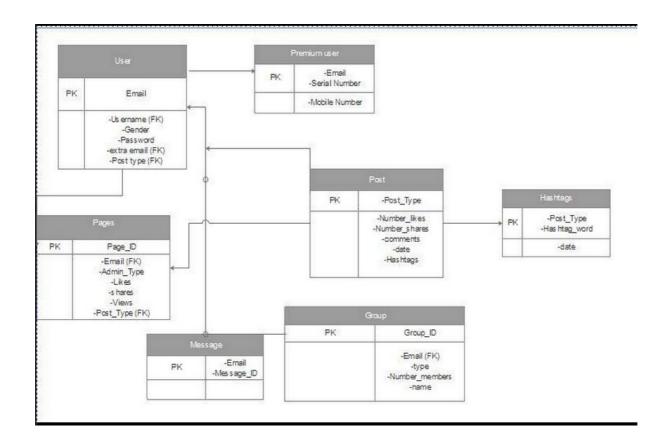
Class ID	Class Name	Subsystem ID	Description
Cl 1 ₋ 1	_1-1 Account Sub_User1	Parent Class for Normal &	
CI_1-1		Sub_Osel 1	Premium
Cl_2-1	NormalUser	Sub_User1	Child Class
Cl_3-1	PremiumUser	Sub_User1	Child Class
Cl_1-2	Post	Sub_Activities1	
Cl_2-2	Page	Sub_Activities2	
Cl_3-2	Group	Sub_Activities3	
Cl_4-2	Message	Sub_Activities4	

Sequence diagrams



Class Name	Sequence Diagrams	Overall used methods
Account	1,2,3	GetInfo(), Validation()
User(Normal, Premium)	1,2,3	Signup(), login(), creategroup()

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