SRS Document

Phase 1 Social Network Project

Names and ID's

- Fady Maher　　　　20120270
- Feby Fayez　　　　20120276
- Keroulos Nabil　　　20120279
- Michael Samuel　　　20120290

Contents

1-Introduction

❖ software purpose :-

The purpose of this project is to develop back-end API for social network. Something like Facebook.

❖ Software scope :

▪ Features:

In graph API you can use some functions to perform specific actions or get information about any component in social media.

▪ Main components

- Users
- Groups
- Pages
- Posts
- Hashtag
- Messages

Document purpose and audience

Purpose:

This document describes the system in terms of functional and nonfunctional requirements of social media software.

Audience:

The audience of this document includes the client and the Users.

The first part of the document, including use cases and nonfunctional requirements.

Requirements

This social network 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

- ❖ The system can accepts inputs from the user who has features like
    - o Name
    - o Gender
    - o Email
    - o Profile picture
    - o Friends lists
    - o Liked pages
    - o groups (he is a member or admin)
- ❖ functions depends on the type of the user
    - o normal user
    - o premium user
- ❖ users can do many things like :
    - o like a page
    - o creating groups
    - o make a group ,
    - o sending messages ,
    - o retrieve his friends lists ,
    - o adding friends and share his status in posts
    - o remove a friend from his list
    - o if the user is a premium user (created a group or a page)

    He has more features like he can remove a member from a group

There are some components user make some functions through them
- ❖ posts:

    User share his/her status on his profile (friends can like, share and comment this post)
- ❖ Hashtags:

    Users use hashtags to categorize their posts

❖ Messages

      Users can send messages and retrieve messages between their friends and they can make messages contain more than two users

Objectives

❖ There is many objectives of social network
❖ First we try to make it easy as possible for users with user friendly GUI
❖ Second we try to make it available for the most of the time.
❖ Third we try to make efficient algorithms for search and retrieving data

2. Proposed System

Overview

Social network what do you expect when you hear this word I'll tell you the project aims to make people connected all over the world. This project will include many things like hashtags, groups, pages, privacy. Hashtags this word mean you can write any status and at the end of status put your hash any word you want

that's describe your statue when people search about this word they see your statue.

Groups anyone on the social network can make group name it and manage it, this group can contain as many people as you want. You can make this group private or public private means that your group visible to the members of group public means your group is visible to anyone on the social network,

Pages anyone can make pages as many as he want name it and manage it. The page may be business page or comedy page or news page.

Every page has its own fans any one can be a fan of specific page by pressing on like button.

Privacy is important thing to many people so any people on the social network can choose between two option public and private public or custom to hide from anyone.