Project's Name: Social Network  
TA: Mohamed Samir

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Social Network –Scope

Our software system API for social network for social media users, this system is designed to manage interactions between users, create and manage groups and pages, retrieve current posts in specific hashtag and will be easy for users to understand and use.

In this software system users classified as normal and premium who can sign up or log in to it, can also create or like pages, create or join to groups, add friends or confirm them, send message, make posts and use hashtag.

Social media – Functional requirements

Basic requirements:

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| ID | Description |
| 1 | Web server could **Classify** users (Normal, Premium (which has advanced features…)) |
| 2 | Web server could ask the user to **Sign up** using his information or **update** after that his information: name, email, gender, password and profile picture.  **Log in** with this information only : email and password. |
| 3 | -Web server could ask the user if he need to  1 - **Create** or **Like** a new page.  2 - **Join** or **create** a new group.  3 - If he creates a new group if it is public or private group.  4 - Who could be the users to **manage** the group he created.  5 - If he wants to **add** a friend or **confirm** a submitted friend request for him.  -Web server could give user information about :  1 – Number of likes of the page if he creates one.  2 – Number of members in a group he creates. |
| 4 | -Web server could allow user to make **posts** ( text contents ) to :  1 - His / her building block. 2 – His / her page.  3 – Joined or created groups.  -Web server could give user information about :  1 – Number of **likes** to his posts.  2 – Number of **shares** to his posts.  3 - If it`s a user or premium user post when it`s shown on his building blocks. |
| 5 | -Web server should allow :  1 - Group users only (public or private) to like or share posts from a specified group.  2 – Any user to like or share a post from any page. |
| 6 | -Web server should **allow users to use hash tag** and :  1- Every hash tag should begin with symbol #.  2 – Classify them into **Categories** (education, sports … etc) (every hash tag is a category).  3 – **Sorting** them according to post importance (if it`s written by sponsored users). |
| 7 | Web server should allow user to **send message** to :  1 - Any other user.  2 - Between 2 users.  3 – Groups contain more than 2 users ( 3 or more ). |