Purpose:-

In our project we are going to develop a back-end API for social network to enable user to be communicated with other users and to be able to share posts and images and contact with them by messages.

Scope:-

This software allow user to create account and maintain its attributes like (name, email, gender).

And also create and manage different types of groups.

User will be able to create and manage user pages for specific entity or product.

User will write Posts is one of the building blocks of social media content, Post (in our social network) defined as text content written by specific user.

Users use hash tags to categorize the content of specific post, if user wants to write a post about "sport", user may put the word (#sport) in the post to categorize this post as education post.

User can send message to another user(s) in his/her friends list, user should be able to create message from user to any other user(s).

Requirements:-

(F1) When software starts it ask the user for sign up or log and if the user choose sign up the system will make account for this user and he will able to enter the system

(F2) If the user choose to log in the system will check for his username and password and if he has an account he will be able to use the software.

(F3) The user create page and choose its name then the system make this page and the user can use or modify it.

(F4) If the user sends a message to another user the system will deliver it to this user and it will appear to him as an output.

(F5) When the user writes a post the system will maintain it to appear in the place where he writes it.