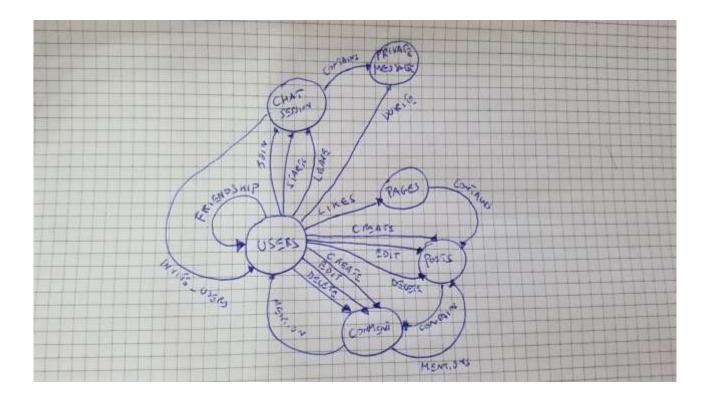
Graphs in Every Day Life Assignment



I thought a simple Social Network with a basic functionality such as create posts, comments them, ask friendship, chat and likes pages. Below the lists of nodes and edges.

A Social Network like this could provide tons of questions and answers, for example:

- Who are the influencer of the network? Users with lots of friends and Pages with lots of likes are the best candidates to be defined as such. A useful metric is Degree of Centrality.
- What are the trending topic/posts? We can retrieve the trending topic based on the numbers of interactions such comments and likes and compute TF-IDF for each returned comment.
- What are the most active Users? Users (or Pages) with N likes or comments X day (maybe 10?) is very active!
- What are the suggested Users for each User? We should find the closest non-friend neighbors and suggest to each user respectively.

ID	NODE
1	Users
2	Pages
3	Posts
4	Comments
5	Chat Sessions
6	Private Messages

11Friendships12Likes13Creates	
1 3 Creates	
1 3 Edits	
1 Deletes	
1 4 Creates	
1 4 Edits	
1 4 Deletes	
1 Likes	
1 5 Starts	
1 5 Leaves	
1 5 Joins	
1 6 Writes	
2 3 Creates	
2 3 Edits	
2 Deletes	
2 4 Creates	
2 4 Edits	
2 Deletes	
4 1 Mentions	
4 2 Mentions	
5 1 Invite	
5 6 Contains	
2 3 Contains	
3 4 Contains	