

DS Project (OR what we want to do):

Implement the model of a micro-blogging site, such as Twitter (more like mix of Twitter and Facebook). We would be considering a few elements of a Micro-blogging site such as

1. Users that follow each other (Use of graph data structure).
2. A timeline for each user with his own tweets with appropriate mentions from others, i.e. @xyz. **(We are unsure of the mentions).**
3. #tags, we will not be doing this.
4. Friend/Follower suggestions. (Graph data structure) **(We are unsure of this too).**

We plan on adding a few add-on (so called) features.

1. **Moods:** When a person tweets, we will check the users input and then add the mood of the user with the tweet. We need a big database for this, which we would be borrowing from the internet or creating a database on our own. Searching from that database faster would involve good data structure algorithms.
2. **Calendar (More of a scheduler):** We can schedule our tasks which would involve simple data basing and storing of data.

All this would obviously require file handling at its best. Data structures would be involved in connecting all the users and for each new user we expect the data to be more complex. Moods would help us in applying strong and fast searching algorithms. We might add some more add-on features during the course of the project. And we plan to create a structure for our project as soon as we learn a few more things.

We don't have any prior experience in Data Structures so we don't have an exact design in our minds on how we are going to implement this. But we are taking it as a challenge that we would be taking on. And we expect of us to complete this project (and more profoundly learn).

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