3rd assignment (1-2 students)

Twitter clone

Description & minimum requirements

Create a web application that resembles **Twitter** (http://twitter.com), copying its basic functionality. In particular, it has to at least implement:

- ✓ **New user registration** and **login/logout**
- ✓ **Following** and **unfollowing** users
- ✓ In the home page: (index.php):
    - ✓ **Logged in users** will see the tweets **of the people they follow** and **their own**, in **descending chronological order**.
    - ✓ **Visitors** will see **all** tweets in **descending chronological order**
- ✓ User profiles (user.php?u=1234 και user.php?username=JohnDoe), which will show a user's tweets, tweet count, and following/follower count.
- ✓ In any page that displays tweets:
    - ✓ They will be updated **without needing a page refresh** (You will have to check if there's anything new every few seconds, via Ajax)
    - ✓ Initially, the **first 10 tweets** will be displayed and if there are more, they will be displayed via Ajax, if the user clicks a "More" button.
- ✓ The best submission will earn a **10% bonus**.

Database schema

Tables

- **user**(**userid**, username, password, email, joindate)
- **tweet**(**tweetid**, userid, text, date)
- **follow**(**followerid**, **followingid**)

The DML queries for their creation can be found in **twitter.sql**.

Of course, if you want to implement extra functionality, you may add more tables & fields, these are just the bare minimum.