

# 3<sup>rd</sup> 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.