CTIS 256
Web Technologies 2
PROJECT
Spring 2023

Deadline : 08 June 2023, Thursday
Team Size: 4 students (from any sections)
Presentation: The team (all members) will demonstrate their project with a laptop at my office on 5th of June.
Submission: One of the team member will submit all project files in a zip by 05 June.
Demonstrations: Time slots will be announced later.

TOPIC

You will implement a **basic** social network functionality. The user can share text messages and/or images as posts, add/remove friends, and be able to see friends' posts.

Requirements:

- **(10Pts)** The system will register new users. It will ask for name, surname, email, birth date, and profile picture. <u>Use validation and verification</u>.
- **(10Pts)** The users will login into the system by email and password.
- **(15Pts)** The users can add a new post composed of <u>text and/or image</u> seen by their friends.
- **(15Pts)** The users will see the posts shared by their friends on the timeline. At a time, it shows up to 10 posts, at the end of the posts, a next button retrieve the next 10 posts. (alternatively you can use AJAX to retrieve posts automatically based on scroll position)
- **(15Pts)** The friends can make comments on the posts, and may check like or unlike buttons. Use AJAX for the comments/like/unlike parts.
- **(15Pts)** A searching mechanism by name, surname and emails will be used to find the friends. Adding a friend sends an invitation as a notification, if the invitation is accepted, two people become friends.
- **(10Pts)** The users can see their friends in a list, and they can remove any friend. When users delete a friend, a notification is sent to the corresponding friend.
- **(10Pts)** Application should be protected from sql injection, XSS, CSRF attacks. It should use hashed passwords.
- **Here is the general outline of the project. Complete the missing or unclear parts using your own initiative.**
- I suggest you use html templates, third party jQuery plugins and/or bootstrap-like css frameworks for frontend.
- Eveybody will contribute something to the project.
- **(-20Pts**) Sloppy user interface