

**NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES
ISLAMABAD CAMPUS
WEB PROGRAMMING (CS406) - SPRING 2019
ASSIGNMENT-2**

Due Date: March 6, 2019 (05:00 pm)

Instructions:

1. *Make sure that you read and understand each and every instruction.*
2. *It is must for the application to be responsive.*
3. *Plagiarism is strongly forbidden and will be very strongly punished. If we find that you have copied from someone else or someone else has copied from you (with or without your knowledge) both of you will be punished. You will be awarded straight zero in this assignment.*
4. *You are not allowed to use any build in theme of bootstrap. You have to make your own design and implement it using bootstrap.*
5. *You are going to save all the information on the server side temporary. All you have to do for this assignment is to improve your interface and implement the communication between client and server.*
6. *You have to perform all the validation either on server side or client side.*
7. *Submit a single '.zip' file for your assignment that will have html pages, less and javascript files of your application.*
8. *For submission, upload your project on Google drive and share the link on slate.*

A social networking service is an online platform that people use to build social networks or social relations with other people who share similar personal or career interests, activities, backgrounds or real-life connections. You have been hired by a firm **XYZ** to develop application of their Social Networking site titled as **“ConnecFriend”**. Your task for this assignment is to develop the web application with the following features.

- A login page where an existing user can add his username and password and can sign in. Username for successful login is: web2019 while password is: 2019web.
- A registration page that asks for user name, email address, username and password.
- A profile page where a user can view his/her information that includes personal information, profile picture and the list of all the friends.
- A Home page where the news feeds from all the friends can be seen. When a user logged in, they saw the people in their friends list in the order of their login to the site, the first person being the latest one to do so.
- The news feed includes the news, the friend name and time since the last log in.
- A person can be invited to be a friend so that one can connect with him/her and share the updates. However, if the person to be added has marked the request sender in ignore list then the friend request cannot be sent.
- A friend can be rated from scale of 1 to 3 i.e. Stupid, Cool and Trustworthy being represented as icons.
- User also has the option to like or dislike a certain post. Thus, along with all above-mentioned features, the news also have the count of people who liked or disliked a certain post.
- User can also upload a picture that he/she wants to share or can upload the profile picture.

- User can remove a post that has been posted. After deletion, the post should not be visible on the user's profiles.
- User should be able to search for his/her friend. User will put the name of the friend and click search after which the search results will be displayed.

Note: *For this assignment you have to keep all the information on the server side using a variety of data structures provided by C#.*

Best of luck 😊