

# Project Requirements

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This is an engineering proof of concept. The goal is to exercise the technologies we learnt in this course.

**A group consists of 3~4 members.**

**While during project, you have conflicts with team members. Please solve by yourselves, try your best not come to me. Teamwork is important during project.**

The main hours spent on the project for each person is expected to be ~50(?) hours. Every Team member is to “own” a “front to back” scenario - View, Controller, Domain Object, Validation, Service and Repository.

If you need to use a new technique which isn't covered in this course, you must get permission first. Otherwise, you're gonna lose points in your group project grade.

## *Scrum/Agile Development Process*

Daily Scrum meeting – We'll hold a daily meeting every day to check everyone's status if you need any help.

## *Group Submission - DueDate: 5PM September 26, 2019 (Thursday)*

1. Document include WHO did WHAT – **VERY IMPORTANT: Not everyone in the same group will get the same grade.**
2. Document all the techniques for the project. And listed where you used them.
3. Document how to configure /Install Application
  - o Application should have pre-populated data.
4. Source code or Github links
5. Presentation slides if you have one
6. One group submit only one – for the source code.
7. Every student needs to submit a project summary about what you did.

## **Project Topic – Social network**

- 1. Users: Admin, User**
- 2. Features of Admin**
  - a. Login/Logout**
  - b. Can add Ads on the website**
  - c. If user's post contains unhealthy content, can disable the posts**
  - d. For malicious users, can deactivate user accounts.**
- 3. Features of User**
  - a. Register as a new user**
  - b. Login/Logout**

- c. Manage Profile (name, profile photo...)**
- d. Can send posts with photos and texts**
- e. Can follow other users.**
  - i. On the home page, should load the latest posts from followings list.**
  - ii. Able to see following's profile and timeline**
- f. User's timeline: show all posts created by itself (pagination or ajax load when scroll to the bottom)**
- g. Display weather for current user if location is provide, otherwise, use the browser detected location.**

#### **4. Features with extra points**

- a. (1 point) Get notification when your followed user made a post without refreshing the page when you're logged in. Only allowed to use the technique learnt from this course.**
- b. (1 point) Provide a way to configure Twitter account for user. In the timeline, also display posts posted from twitter account.**