**Final Project Specification**

**Web Programming – CS216**

You are required to make a website that has **Content Management System (CMS)** as a back-end to manage the website content, with a maximum of **three** members in a team. Whatever it can be, but please following the functionalities listed on the next paragraph. Remember, the project is not only limited to these three kind of topics, it is totally up to you :D

* Company profile
  + of your favorite game, or
  + of your favorite artist, or
  + of your favorite movie

These are the core requirements. It is recommended that you read this **thoroughly**, as you may miss one or two functionalities listed below.

* Website functions (front-end)
  + Main functions
    - Language
      * English
    - Social media links
    - Footer: address & phone number
  + Home
    - Slideshow images
    - Highlights of Product / Service
      * Read More
    - Current Event / Information
      * Read More
  + About Us
    - History
    - Profile
  + Products / Services
    - Category of Products / Services
    - Search Product / Service
    - List of Products / Services
      * Detail of Product / Service
  + News / Information
    - Sort by Date (ascending / descending)
    - Search News / Information (can search the text on title and content)
    - List of News / Information
      * Total comment
      * Read More
        + Show full News / Information
        + Show Comment (sort by newest comment)
        + Give a Comment
* Admin functions (back-end)
  + Manage user
    - List of user & last login history
    - Create / edit / delete user
    - User access
      * Admin: reset password, create / edit / delete user, can access all functionalities
      * User: can access all functionalities EXCEPT manage user
  + Manage layout menu
    - Set website menu on: top / left / right / bottom
  + Manage main function
    - Entry / edit Social media links
    - Entry / edit address & phone number
  + Manage Slideshow
    - Upload / edit slide show images
    - Set the image sequence (no 1, 2, 3, 4)
  + Manage Page (using *Rich Text editor)*
    - Create / edit / delete static (fixed) page
      * History
      * Profile
    - Create / edit / delete dynamic page
      * Products / Services
      * News / Information
    - Manage Category of Products / Services
  + Manage Comments
    - List of Comments
    - Delete comment(s)
* Application’s architecture
  + MVC model
  + Tidiness of application
  + CSS based design

1. The only outsources that you may take is **design**, and ONLY **design**.
2. Any functionality that you might want to add in the core functions due to your project is welcome, but no extra marks will be given.
3. However, any extra features that you might add outside this list will provide an extra mark.
4. Marks will be given differently should there be an inequalities between groups, ranging from 0 (all marks are the same), to -10. I don’t care about the weight of the contribution, but you MUST understand your own contribution in the project.
5. Ask me if there’s anything unclear about the projects.

**Rich Text editor**

