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## SEEM4570 System Design and Implementation

### Assignment 1 – AJAX + PHP

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The goal of this assignment is to explore AJAX and PHP. This assignment counts for 10% of the total unit assessment.

Discussion with your classmates and seeking help from your tutors are permitted; however, it is not allowed to copy other people's code, except those used in the lectures, in the tutorials or downloadable freely from the Internet.

There is only one task. The deadline of this assignment is 26<sup>th</sup> March 5:00p.m. No late submission is allowed unless you have obtained prior approval from the course instructor. You should submit this assignment electronically. Please ask your tutors for the detail of the submission method.

#### Task

1. You have to develop a form named “index.php” like this:

Name:	<input type="text"/>
Email:	<input type="text"/>
Age:	<input type="text"/>
Password:	<input type="password"/>
Password Again:	<input type="password"/>
Agree our terms:	<input type="checkbox"/> Yes
<input type="button" value="Submit"/>	

2. When the user click “submit”, you should valid the form and prompt the user if anything has inputted incorrectly. Specifically, you should check the followings:
  - a. Name must be at least 3 characters
  - b. Email should be well formatted
  - c. Age must be integer only
  - d. The two inputted passwords must be masked and must be identically
  - e. Maker sure the check box “Agree out term” is checked

3. You must submit the form via AJAX and display the following information on the screen:

Your have inputted:

Name: "XXX"

Email: "XXX"

Age: "XXX"

Password: "XXX"

4. If the user click "Yes". You simply display the following message using Ajax:

Thank you.

5. Otherwise, you have to display the original form and every field (except the two password fields) in the form must be filled with the user inputted data. Certainly, everything has to be done via AJAX.

### Submission Guideline

1. You can use any existing package downloadable freely from the Internet.
2. None of your submitted file should contain "frame", "iframe" or similar components.
3. Please put everything into a folder where the folder name is your student ID. Please make sure all links are *relative link* to this folder.
4. You can have as many file as you like in your folder, but we will only run index.php from *our server*.
5. Zip your folder using winzip or similar software. Do not use RAR or any zip method that is not well known.
6. Submit the zip file to us.