Information Processing Guideline

I. Content

The course consists of three part:

1. Theory lectures

The lecture will be an online session by Skype in University classroom, by Professor Pech.

2. Programming exercises

A list of exercises will be given at the final lecture session. Students are required to complete a certain requirements in order to get the score for final Project. The exercise will be given on March 27th, and deadline for submission is on April 17th. The results will be sent by email after one week.

3. Final project

The final project topic will decide the score for the Information Processing Course. The topic will be sent along with the exercises on March 27th. The deadline for final project is on May 1st. Students will receive score after two weeks.

II. Conduct step

1. Group separation

Students will work in group of 2 students, in case of odd number only 1 group of 3 students is allowed. The group members is for students to decide themselves. A list of students separated by groups, along with their matriculation number must be submitted in advance through email. The group's ID number will be sent back later.

2. Exercise

There are 5 exercises in total. Each groups will solve the exercises on their own. The computer lab rooms are available for students who wish to work in university. To get the score for final project, groups have to finish completely at least 4 out of 5 exercises.
*Please do not directly copy or submitted other group's work. Doing so will immediately failed your course.

The exercises required programming on Visual studio an application in C# bases on following topic:

- Internet browsing.
- Basic database management using windows GUI and Internet browser.
- Online data processing.

3. Final Project

The final project is Universal Application programming in C#. The project's requirement will include all of exercise's topics, plus unique design skills and data parsing from an online API.

4. Submission

A. Exercise

- Please compress your documentation folder (*.zip), upload to a host (Google drive, mediafire, onedrive) and submit the link through email to me.
- Requirement: Source code, text file includes group member's names and matriculation numbers. The folder name will be: EEIT13EX_IP17_GR(ID). Example: EEIT13VN_IP17_GR1

B. Final project

Documentation folder: Project report (*.pdf), source code (*.zip), text file includes group member's names and matriculation numbers.

For students in Vietnam:

- Please compress your documentation folder (*zip), upload to a host (Google drive, mediafire, onedrive) and submit the link through email to me.
- Folder name: EEIT13VN_IP17_GR(ID). Example: EEIT13VN_IP17_GR1

For students in Germany:

- Submit physical copy of your report and documentation CD directly to Professor Pech OR me. (Room 8-112).
- The folder name will be: EEIT13GE_IP17_GR(ID). Example: EEIT13GE_IP17_GR2.

Project report

- Amount of work: Not more than 15 pages plus covering page, table of contents, references, appendix.
- For this project, for the outline of the main body, follow the requirements of the topic. Please include screenshot with caption for specific functions and explanations for function. Please don't include source codes in the report. Also a short introduction would be nice, and a conclusion is a must.
- Page size DIN A4; margin 4 cm on the left.
- Covering page: name of the course, title, group's members and matriculation number.
- Main body: 1 ½-line spacing, font Times New Roman 12 pt, scaling 100%, tracking normal.
- Footnotes: single line spacing, font 10 pt.