

EEE212 Industrial Awareness and Group Project

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1 OBJECTIVE

The aim of this project is to cultivate the team spirit and to foster the cooperation among students in completing a given task. It also trains student in writing a high quality technical report via an appropriate tool.

2 GROUPING

The group list is available on ICE. For grouping, students are free to form their own group consisting of 5-6 members.

3 REQUIREMENT

For this year, I would encourage students to "think out-of-the-box." As such, they are required to complete a simple project of their own interest, rather than being constrained in a frame of my own interest. Instead of doing my project, each group will propose its own project, which will be approved prior to the project commencement.

The project can involve either software or hardware, or inclusion of both components. The project should be an attractive one, rather than destructive (dull in the sense and not meaningful). The tentative date of project proposal is by the end of week 3. After project accomplishment, students are required to submit a group report and make a group presentation. These are elaborated in the following section.

4 ASSESSMENT

Students will be assessed based on the following components. The breakdown of the assessment of each component is tabulated in the table below.

A. Report Submission (60%)

Report should be written using the LaTeX tool. The assessment components are listed in the table below.

Item	Description	Mark Allocation
Content	structure, flow, results,	10%
Language	spelling, grammar, vocabulary	10%
Figures and tables	clarity, outlook, logic	10%
References	adequate quantity, ≈ 10	10%
Five individual submissions	details given in my lecture	$5 \times 4 = 20\%$

Also, from this year onwards, I have allocated 20% for five individual submissions, depicted in the last row of the above table. This is a new means of encouraging students to be present and attentive during my lectures.

B. Group Presentation (40%)

Each member of a group is obligatory to do the presentation, which each group limited to 15 minutes. The presentation component will be evaluated based on the following criteria, in the table below.

Item	Description	Mark Allocation
Organization	team spirit, cooperation, participation	10%
Language	clarity, spelling, grammar	10%
Beamer Slides	presentation, content, results	10%
Engagement	ability to attract the audience's attention	10%

5 SUBMISSION

The list of submission should comprise of the following parts:

i. Online submission via ICE

Consisting of latex source for both report and presentation (.tex), including their respective outputs (.pdf). Please submit all files as a zipped file with respective group name. For example, *group15.zip* via ICE before the tentative deadline.

ii. Printed submission

This consists of both printed report and Beamer presentation slides. Printed documents should be handled to me in class prior to week 14.

6 PLAGIARISM

Students are reminded of the strict penalty of any act of plagiarism, collusion, or fabrication of data under “XJTLU Code of Practice on Assessment.” All submissions will be scanned by Turnitin, which is the plagiarism detection software.

7 DEADLINE

Each group can consult the instructor for feedback before the submission of the final work. For early submission, please submit your draft report before week 9 onto ICE. The final submission will be due by the end of week 14.

8 RESIT

For resit, a student can retake component A. Report Submission (60%), specified in Section 4 above. Resit student maybe requested to improve their previous project following my guidelines. Also, he or she can propose a new project. Upon accomplishment, a written report on the relevant work will be submitted.