

Team Assignment 4 (100 points) - [Solution and Alternative Solution](#)

A. Instruction:

Describe the two sub-group solutions and compare them by Pros & Cons, and Decision-Matrix, and from them, select the top solution design.

B. Score Distribution and Rubric

	(a) Two Solution ideas[50]	(b) Selection of the Top solution idea from 2 ideas, using <u>pros & cons</u> + <u>Decision-Matrix</u>
50 pts	Two solution are described with text and figure which satisfy the design requirement	Pros and Cons of the two ideas are clearly presented. Decision-Matrix with attributes and weights are applied to quantitatively compare the two ideas.
40 pts	Two solution ideas are described with text and figure which do not satisfy the design requirement	Pros and Cons of the two ideas are clearly presented. However, decision-matrix is not applied.
20 pts	Two solution ideas are described with text only (without figures)	Pros and Cons of all ideas are not comprehensively treated. There is no decision-matrix provided.
0 pt	Not two ideas are described	Neither pros and cons analysis nor decision-matrix is provided.

C. Submission: Use word processing software with page margin of 1 inch in all sides with font size 11 or 12 in single spacing. One submission from a team is required with the following file name: **TeamName_Assign4.xxx**.

D. Submission due: Check the webpage.

E. Point Deduction on Late Submission (or **Maximum score by submission date**)

Submission Time/Date	Maximum score
By 5:00pm submission date (Mon)	100
By 5:00pm submission date + 1 (Tue)	70
By 5:00pm submission date + 2 (Wed)	50
By 5:00pm submission date + 3 (Thu)	20
After the above	0