

**Group Assignment (4/5 members per group)****INSTRUCTIONS:**

Students are required to build a Web Application based on the given task below:

1. Develop web application which can calculates Body Mass Index (BMI). The web application must accept input in meter (or centimeter) and kilograms. The expected output should show:
  - a. BMI Category
  - b. BMI Range in  $\text{kg/m}^2$
  - c. Health Risk

Use Table 1 as reference.

*Table 1: BMI Reference Output*

BMI Category	BMI Range ( $\text{kg/m}^2$ )	Health risk
Underweight	18.4 and below	Malnutrition risk
Normal weight	18.5 – 24.9	Low risk
Overweight	25 – 29.9	Enhanced risk
Moderately obese	30 – 34.9	Medium risk
Severely obese	35 – 39.9	High risk
Very severely obese	40 and above	Very high risk

**EVALUATION:**

The web application must have customization in colors, application name in title bar, and unique icons. Follow the 8 golden rules when you designing your web application.

The web application must include the about page which list developers' details, information, copyright statement and include a clickable URL of the application website too – you may use Github page as website URL.

The students are required to demonstrate the application in a video emphasizing the elements listed in the rubrics. Your mark will be based on the web application and the video presentation.