

CMPS279N-Mobile Applications Development

Class Activity 1

Instructions:

- 1- Divide the class into groups of 3 to 5 students.
- 2- Each group will work on a single laptop and a single app.
- 3- Each group must come up with its own design and UI/UX.

App Requirements:

The objectives of this activity are to design and develop a BMI Calc android application to calculate BMI.

The user will enter his/her weight and height. Then the app will compute the BMI and display the result with the category according to the following:

- 1- This module calculates the BMI based on the height in meters and weight in kilogram of a user using the formula:

$$BMI = \frac{Weight(kg)}{(Height(m))^2}$$

- 2- According to the value of the BMI, the app must display the following:

Category Weight Meaning

- 1 < 20 underweight
- 20 to < 25 Normal weight
- 25 to < 30 Pre-obese
- 30 > Obese