# C273 Assignment

## Brief

You are creating a PHP web app for Sengkang Hospital that lets patient keep track of their meal caloric and fat intake. The web app has the following requirements:

* is responsive with Bootstrap Grid system and
* exhibit established colour scheme and
* navigation is intuitive and easy to use and
* have at least three pages as described below

## Pages

1. Sign up page

This page lets patient sign up with the following fields

* 1. Username
  2. Password
  3. Height in cm and Weight in kg
  4. Date of Birth

It should provide client-side verification of the field input using jQuery on the validity of password (please think of a reasonable password requirements), height and weight.

The input should be saved in the MySQL database.

1. Login page

Successful login shows the link to the meal entry page while an unsuccessful login shows an error message and clears the fields for the patient to re-enter the credential.

1. Meal entry page

This page lets the logged-in patient enter the following fields.

* 1. The food (from a dropdown choice of Chicken Rice, Mee Rebus and Vegetarian Burger)
  2. Calorie (e.g. 3500)
  3. Fat in gram (e.g. 2)

Every entry should be saved in the MySQL database

## Additional Requirements

1. After the patient has entered his/her meal, show how many times he/she had eaten each type of food as a pie chart.
2. Show the pie chart at the bottom of the meal entry page. The meal entry is submitted via AJAX and the pie chart at the bottom is immediately updated using AJAX and it does NOT need the whole page to be refreshed.

## Assignment Integrity

* Write your name and student ID as comment at the top and bottom of every PHP and HTML page of your work
* Every submission should be each student’s original work
* Plagiarising another person’s or from any other resources like the Internet is considered cheating
* Outsourcing the work is considered cheating
* You are encouraged to learn from the Internet and online course like <https://www.linkedin.com/learning/> but you would need to produce your own work
* Cheating could result in zero mark for the assignment and subject to disciplinary hearing

## Submission

* The assignment is open on 1 Dec 2020
* You would need to export table and data in MySQL as sql script.
* You must compress the whole NetBeans project and the sql script and submit via C273 SA Learning Path > C273 Assignment 1 file submission
* Submission closes on 8 Jan 2021 23:59h