UNIVERSITI KUALA LUMPUR
ASSESSMENT BRIEF

COURSE DETAILS	
CAMPUS	MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY
COURSE NAME	SELECTED TOPICS IN SOFTWARE ENGINEERING
COURSE CODE	ISB 46803
LECTURER	DR NORHAIDAH ABU HARIS
YEAR/SEMESTER	YEAR 2 / SEM 4

ASSESSMENT DETAILS	
TITLE/NAME	PROJECT
DATE/DEADLINE	Week 12 (15/1/2024 – 19/1/2024)
COURSE OUTCOME(S)	Develop applications based on current technologies (P5, PLO8)
INSTRUCTIONS	1. This is a GROUP project (Create a group of 2 or 3 members). 2. Students are required to do ALL SECTIONS of the project and submit it on or before the defined deadlines (see Submission Deadline). 3. Any plagiarism; the marks allocated for the project will be deducted. 4. 0 Marks for late submission.
DELIVERABLES	1. CODES 2. PRESENTATION 3. REPORT (PDF format only)

PROJECT QUESTION

Read the question carefully and write the application program.

You are hired as a freelance computer consultant to make a system for Gourmet Chicken company. You are required to allow two types of users to use the system: Gourmet Chicken owners and customers.

Owner

Instead of having a fixed number of menu categories and a fixed number of items per category, you will allow the owners to input the menu information from a text file "menu.txt". The data in the input file have the following format:

#menu category

Menu item   RM price
Menu item   RM price

#menu category

Menu item   RM price
Menu item   RM price

Each menu category is preceded by the pound symbol(#). A list of menu items belonging to this menu category follows it. Each menu item includes its name and price. This price is preceded by the RM sign. Example:

#Burger

Chicken Burger   RM4.99
Fish Burger   RM3.99
Double Chicken Burger   RM6.99

#Drink
Tea   RM1.99
Coffee   RM2.99
Chai Latte   RM2.50
Cappucino   RM3.00

#Side
Freedom Fries   RM0.99

#Appetizer
Chocolate cake   RM1.50
Sundae Vanilla   RM1.00

You may assume that the input file contains at least one menu category and each menu category has at least one menu item. You can at least put at most 5 menu categories and 5 menu items per category. When the input file data is read into the system, the operation of the system begins in which owners can process the customer orders.

Lastly, the owners can view and keep track of each sale for each item in the menu category. Save the sales figure to the text file name as "sales.txt".

The output text file may look as follows:

Item	sales count	Total
Beef Burger	10	RM 49.90
Double Beef Burger	20	RM 139.80

Customer

First-time customers, need to register their **username** and **password** using the system. Users **MUST** log in to use the system to order. The customer data is saved inside Table 1: **customer**.

Table 1: customer

Field	Key
user_id	PRIMARY
name	
username	
password	
mobilehp	

Create a database **gourmet** and create a table **custorder** as shown in table 2.

Table 2: custorder

Field	Key
order_id	PRIMARY
order_date	
menu_cat	
menu_item	
total_item	
total_payment	

user_id	

a. Allow the customer to view the menu from the system and choose the menu item from the form of the system and save it into the database.

b. Create a new screen to allow the customers to view their orders and confirmed their orders. The customer is allowed to update and cancel their orders.

c. Design your application according to your creativity.

Good Luck

Section B: Project Report

The project report should consist of the following component:

    a. Cover page

    b. Plagiarism statement with student signature (Refer to Appendix 1)

    c. Clear listing of individual tasks (Refer Appendix 2)

    d. Project section

        i. Students should write a step-by-step on how to use the system.

        ii. Students must provide screenshots of their system to support the steps described in (i).

    e. Reference section

    Students must provide all references they have used to complete this project (Minimum 5 references).

Section C: Project Presentation

    a. Presentation must be carried out by ALL members of the group highlighting the main points of their project (Codes and Database).

    b. You are required to run your system and demonstrate how your system work.

    c. Presentation duration 10-15 minutes.

GOOD LUCK

> The key to success is to focus on goals, not obstacles.
> Great things never come from comfort ZONES.

MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY

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FEBRUARY 2023

Plagiarism Statement

Read, complete, and sign this statement to be submitted with the written report.

We confirm that the submitted works are all our own work and are in our own words.

Name (Block Capital & Alphabetical Order)	Matric No.	Group	Signature*
1.			
2.			
3.			

Date:

Appendix 2:

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Peer Evaluation for Group Work

Name:

Write the name of each of your group members in a separate column, and indicate the extent to which you agree with the statement on the left using a scale 1-4 (**1=strongly disagree; 2 =disagree; 3=agree; 4=strongly agree**). Total numbers in each column.

Evaluation Criteria	Group Member Name 1	Group Member Name 2
1. Attends group meetings regularly and arrives on time.		
2. Contributes meaningfully to the group discussion.		
3. Completes group assignments on time.		
4. Prepares work in a quality manner.		
5. Demonstrates a cooperative and supportive attitude.		
6. Contributes significantly to the success of the project.		
TOTAL		