



CLO2 (30)	
TOTAL	/30
RETURN DATE	

**For PK(Lecturer) use only*

DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY
COURSEWORK ASSESSMENT (Session: I 2023/2024)

Name : _____ Reg. No : _____
Code&Course : DFP40203 PYTHON PROGRAMMING Programme/ Class : _____
Lecturer(s) : _____ Week (Date) : W14(04.12 – 08.12.2023)
Submission Date : _____
Problem Based : 1 / 2 [CLO: CLO2, P4] Duration : 360 Minutes
Task(s) No

CLO2: Demonstrate effective communication and writing among team members in the process of developing Python Application (A3, PLO4)

INSTRUCTION:

In a group of TWO (2), discuss and answer all the question. Submit the complete source code and output in .PDF files to CIDOS.

Q. No.	Question
1	<p>Construct:</p> <ol style="list-style-type: none">1. Understand Files. (CLO2, A3)2. Understand User Graphical Interface with Python. (CLO2, A3)3. Using database with Python. (CLO2, A3) <p>Mr R Catering is a new catering company in Penang. At first, they have recorded all the reservation information in manual way i.e. writing in their schedule planner. However, the owner of the company wants to ensure that all order information is stored in systematic way using an efficient system and database.</p>

Prepared by;


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Date: 04/12/2023

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Kursus)

Date: 4/12/2023

The requirement of the system:

Requirement 1:

To create new order, employee has to login first. There are three users of the system with the following credentials:

Username	Password
staff1	Staff1
staff2	Staff2
admin	AdminMain

Requirement 2:

There is one log record to keep track the user who login to the system. The log record is saved into a txt file containing datetime and username of login.

Requirement 3:

The information that needs to be recorded are:

1. Customer name
2. Customer phone number
3. Event date
4. Package selection
 - a. Birthday Party (RM 15/pax)
 - b. Hi-Tea Ceremony (RM 12/ pax)
 - c. Lunch Treat (RM 15/pax)
 - d. Dinner Treat (RM 12/pax)
 - e. Engagement Ceremony (RM 12/pax)
 - f. Wedding Ceremony (RM20/pax)
5. Quantity
6. Total Price (Package Selection x Quantity. Auto display when package and quantity were filled)

Requirement 4:

User can view the list of order.

RUBRIC:

Criteria	Excellent	Average	Poor	Marks
	3	2	1	
CLO2: Demonstrate effective communication and writing among team members in the process of developing Python Application.				
PLO4: Demonstrate strong analytical and critical thinking skills to troubleshoot and solve problems within realistic constraints by applying knowledge, principle, and skills in IT.				
CLS3b: Interpersonal and communication skills.				
A. Report Writing				
Content	The report contains the full program, complete input, and output interface.	The report contains the appropriate program, input, and output interface.	The report provided is incomplete/missing either the program or the input and output interface.	
Organization	Points are clearly presented in a logical order, easily followed, effective and professional.	Most point are ordered well. No major problem with the layout	Confusing and disorganized. Layout is distracting and unprofessional	
Writing Skills	Easy to read and using standard format	Appropriate readable and format	Inappropriate or distracting and not using standard format.	
B. Communication Skills				
Introduction	Clear, concise, and complete.	Introduction orients the audience adequately	Introduction is missing or confusing.	
Presentation Skills	Points are clearly presented in a logical order. Easy to follow.	Most points are ordered well.	Confusing and disorganized.	
C. Teaming (evaluation of the entire teams, not individual members)				
Contribution	All members routinely contribute quality & useful ideas and information	Most of the members contribute useful ideas and information	Internal conflicts result in team falling to achieve the project goals	
Division of labor	All members make significant contributions and are accountable to complete the assigned tasks.	Progress is satisfactory but unequal workload is observed.	Serious problems due to unequal workload.	
D. Program Design				
Demonstrates problem solving skills	Able to solve the given problem effectively and beyond the expectation.	Able to solve some of the problem.	Unable to solve the problem given.	
Technical Design	Exceed specification with efficient design	Meets most of the specification	Missing significant specification	
Complexity of system/design	Exceeds typical technical complexity	Meets typical technical complexity	Below typical technical complexity	
TOTAL MARKS				/30