BORANG SEMAKAN DRAF ITEM DAN PERATURAN PEMARKAHAN PENILAIAN KERJA KURSUS

JTMK ~~/ JKE / JP / JMSK / JPA~~ SESI PENGAJIAN: I 2023/2024

KOD & NAMA KURSUS : DFP50293 – MOBILE APPLICATION DEVELOPMENT
NAMA PENGGUBAL : NORSHADILA BINTI AHMAD BADELA

JENIS PENILAIAN : PBT 2

Semakan	Komen & Catatan Pembetulan / Penambahbaikan **rujuk senarai semak penilaian item*	Deraf telah dibaiki (tanda √)		
		1	2	3
Panel penilai	soalan mengikut spesifikasi yang ditetapkan.	✓		
Ketua Program / Ketua Jabatan	Item soalan dan rubrik bersesuaian.	Soalan boleh diedarkan kepada pelajar		
		Ya	Tidak	TB
		/		

- Nota: Pembetulan yang dibuat ke atas **item & peraturan pemarkahan** hendaklah menggunakan **DAKWAT MERAH dan** jika **ada pembetulan** sila kembalikan kepada penggubal untuk diperbetulkan.

Senarai Semak Panel Penilai Penilaian Item	Semakan (√)
Akur kurikulum	✓
Akur agihan topik (CAIST/CIST)	✓
Sesuai aras domain taksonomi	✓
Akur CLO	✓
Sesuai pembahagian masa menjawab	✓
Sesuai pembahagian markah	✓

Penggubal	
Tandatangan	[signature]
Nama	NORSHADILA BINTI AHMAD BADELA
Tarikh	20/9/2023

Panel Penilai

[signature]

Tandatangan
Nama : MUNIRAH BINTI AB RAHMAN
Tarikh : 21/9/2023

PENGESAHAN (KJ/KP/KK/PANEL LUAR)

[signature]

Tandatangan
Nama : ZURAIDA BINTI MOHD RAMLY
Tarikh : Ketua Program (PPPT DH44)
Diploma Teknologi Maklumat (Teknologi Digital)
Trek Pembangunan Perisian dan Aplikasi
Jabatan Teknologi Maklumat & Komunikasi
Politeknik Mersing
26/9/2023

POLITEKNIK MALAYSIA MERSING	NAME	SITI RABI'AH BINTI ABD JABBAR	
	REGISTRATION NUMBER	25DDT21F1025	MARKS
	CLASS	DDT5 SAD1	50
	SESSION	SESI I 2023/2024	
	COURSE CODE	DFP50293 – MOBILE APPLICATIONS DEVELOPMENT	
	EOC / CLO	2 (CLO 2)	
	LECTURER	PUAN MUNIRAH BINTI AB RAHMAN	

CLO 1 : **Construct mobile application components, APIs and libraries by using Android Development Tools (P4, PLO3)**

CLO 3 : **Initiate Android Development Package that can be distributed via digital platform. (A3, PLO7)**

TOPIC : **2.1 CONSTRUCT APPLICATION USER INTERFACE**
2.2 NAVIGATING BETWEEN ACTIVITIES
2.3 UTILIZE TELEPHONY AND SMS

DURATION : **5 Hours**

INSTRUCTION : **COMPLETE THE FOLLOWING TASK IN GROUP OF TWO (2) PERSONS.**

1. OnTheGo Café wants to hire you to develop a mobile application that will ease the customer in order foods in their café just by sitting from their in-café table. The mobile application will display menu sells in the cafe, users can pick their desired menu and they will be informed the total amount to pay for the menus that they ordered.
    a. The main page of the application will consist of User Interface (UI) for the customer to insert their information such as name, table number, and menus selection. Once all the information has been inserted, customer will click on Order button.

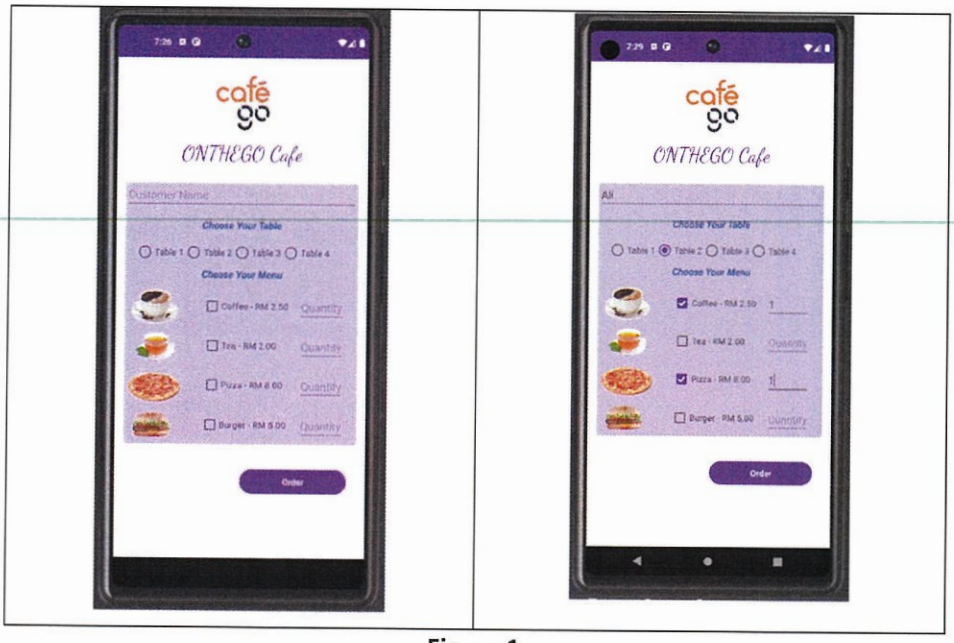

Figure 1

b. Then, the second page is the UI for displaying the name, table number and the grand total that they need to pay for their order. If customer have issue with their order, they can click on Call button to talk to the employee.

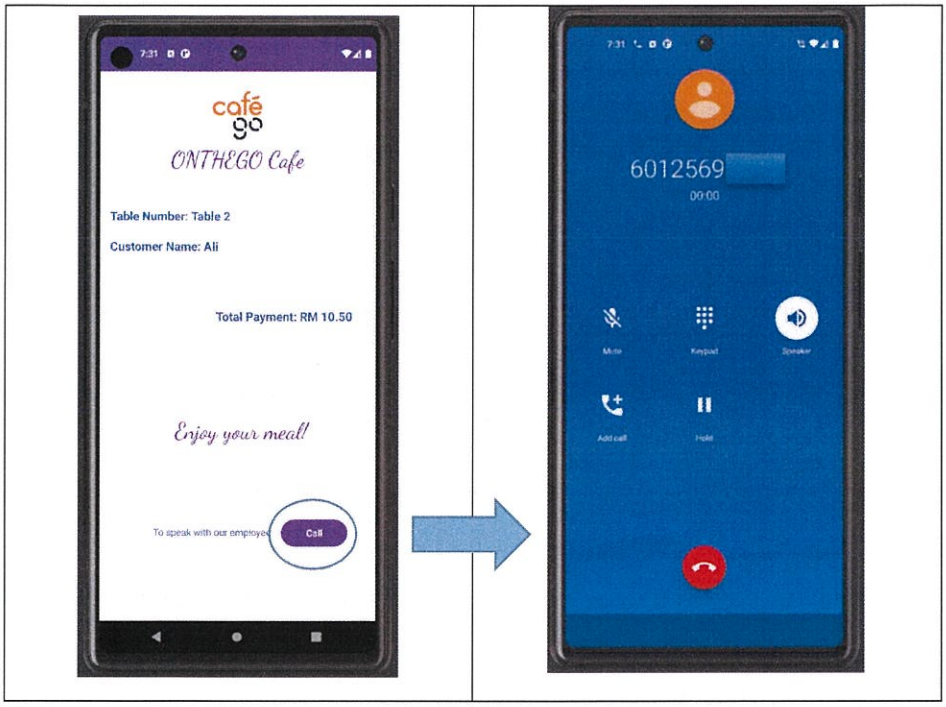

Figure 2

* You may refer the **RUBRIC PROBLEM BASED TASK 2** given, as it is the guidelines of mark assessments.

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RUBRIC PROBLEM BASED TASK 2								
PLO 3 : DISPLAY INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) SKILL IN PERFORMING DIAGNOSTIC AND DOCUMENTING PROCESSES IN ICT RELATED FIELDS								
Criteria	**EXCELLENT (4)**	**VERY GOOD (3)**	**GOOD (2)**	**POOR (1)**	**WEIGHTAGE (%)**	**STANDARD**	**MARKS S1**	**MARKS S2**
Content and Information	The application comprehensively and logically presents all the required information based on the question's needs. The content flows smoothly, ensuring clarity and accessibility for users.	The application effectively delivers most of the necessary information according to the question's requirements. The content is reasonably clear, though some sections could benefit from improved cohesion.	The application provides limited or incomplete information regarding the question's requirements. The content appears disjointed, hindering user navigation and comprehension.	The application fails to present any of the required information as per the question's needs. The content is so poorly arranged that it severely hinders user navigation and comprehension, rendering the application non-functional for its intended purpose.	10	(/4)*10		
User Interface and Layout	The visual design is outstanding, showcasing creativity and attention to detail. Color schemes, typography, and graphics harmoniously contribute to an appealing and memorable interface.	The visual design is good, demonstrating creativity and attention to detail. Color schemes, typography, and graphics contribute positively to the interface, creating an attractive and pleasant design.	The visual design is satisfactory but lacks some creativity and attention to detail. Color schemes, typography, and graphics need improvement to create a more visually appealing interface.	The visual design is unsatisfactory, lacking creativity and attention to detail. Color schemes, typography, and graphics hinder the overall appeal of the interface.	10	(/4)*10		
Structure, Formatting, Validation and Calculation	The project components, classes, and functions are impeccably structured, contributing to exceptional code readability. Code formatting is impeccable, following best practices and consistent coding style throughout the project.	The project components, classes, and functions, mostly are structured effectively, contributing to decent code readability. Code formatting is generally good, adhering to coding style guidel nes with minor deviations.	The project components, classes, and functions are mostly structured adequately, contributing to code readability to some extent. Code formatting is generally acceptable, with occasional deviations from best practices.	The project components, classes, and functions are poorly structured, significantly impacting code readability. Code formatting is inconsistent, deviating significantly from best practices.	15	(/4)*15		

	Validation mechanisms are extensive, covering all input scenarios and handling edge cases gracefully. Calculations are executed flawlessly and efficiently, producing accurate results.	Validation mechanisms cover most input scenarios, with some exceptions. Calculations are mostly accurate but may have minor errors or inefficiencies.	Validation mechanisms cover common input scenarios, but some edge cases may not be addressed gracefully. Calculations are generally accurate and functional but may contain minor errors or inefficiencies.	Validation mechanisms are minimal, with many input scenarios left unaddressed. Calculations contain numerous errors and inefficiencies, resulting in inaccurate or non-functional results.				
Navigation	The navigation structure is exceptionally clear, intuitive, and user-friendly. All important sections and features are easily accessible and well-organized.	The navigation structure is clear and mostly intuitive, with some minor improvements possible.	The navigation structure is somewhat clear but may require improvements for better usability.	The navigation structure is unclear, confusing, or entirely lacking. Important sections and features are not easily accessible or organized.	5	(/4)*5		
Runtime and Logic Errors	No runtime errors are present in the code; the program runs flawlessly. All logical components and operations are accurate and optimized.	A few minor runtime errors may occur under specific conditions, but they do not severely impact program functionality. Logic is generally sound and accurate, with only minor inefficiencies.	Several runtime errors may occur under different conditions but can be reasonably managed. Logic contains some errors or inefficiencies but does not render the program non-functional.	Numerous critical runtime errors prevent the program from functioning as intended. Logic is flawed, leading to incorrect results or program instability.	10	(/4)*10		
						TOTAL MARKS (50 marks)		

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KOD & NAMA KURSUS : DFP50293 – MOBILE APPLICATION DEVELOPMENT
NAMA PENGGUBAL : NORSHADILA BINTI AHMAD BADELA

JENIS PENILAIAN : PBT
PRESENTATION 2

Semakan	Komen & Catatan Pembetulan / Penambahbaikan **rujuk senarai semak penilaian item*	Deraf telah dibaiki (tanda √)		
		1	2	3
Panel penilai	soalan memenuhi spef'kasi yang ditetapkan. Rubrik pemarkahan mempunyai kesalahan pembahagian markah. Mohon semak.			
Ketua Program / Ketua Jabatan	Item yang dibangunkan sesuai digunapakai.	Soalan boleh diedarkan kepada pelajar		
		Ya	Tidak	TB
		/		

- Nota: Pembetulan yang dibuat ke atas **item & peraturan pemarkahan** hendaklah menggunakan **DAKWAT MERAH dan** jika **ada pembetulan** sila kembalikan kepada penggubal untuk diperbetulkan.

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Sesuai pembahagian markah	✓

Penggubal	
Tandatangan	
Nama	NORSHADILA BINTI AHMAD BADELA
Tarikh	20/9/2023

Panel Penilai

Tandatangan
Nama : ~~21/9/2023~~ MUNIRAH BINTI AB RAHMAN
Tarikh : 21/9/2023

PENGESAHAN (KJ/KP/KK/PANEL LUAR)

Tandatangan
Nama : ZURAIDAH BINTI MOHD RAMLY
Tarikh : Ketua Program (PPPT DH44)
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	LECTURER	PUAN MUNIRAH BINTI AB RAHMAN	

CLO 3 : **Initiate Android Development Package that can be distributed via digital platform. (A3, PLO7)**

TOPIC : **2.1 CONSTRUCT APPLICATION USER INTERFACE**
2.2 NAVIGATING BETWEEN ACTIVITIES
2.3 UTILIZE TELEPHONY AND SMS

DURATION : **30 Minutes**

INSTRUCTION : COMPLETE THE FOLLOWING TASK IN GROUP OF TWO (2) PERSONS.

From the same group in PBT 2, prepare an interactive presentation slides that include the following details: (CLO 3, A3)

a. Introduction of group members, for the first slide. (with group member's picture)
b. Documented all the answers for Question 1a. and 1b.
c. Print screen the related output that you created for main page and second page, put in the presentation's slides, with the proper detail's explanation.
d. Your group need to present all the given task during the presentation session that has been set by the lecturer.

You may refer the **RUBRIC PROBLEM BASED TASK PRESENTATION 2** given, as a guideline.

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RUBRIC PROBLEM BASED TASK PRESENTATION 2

PLO 7 : DEMONSTRATE ENTREPRENEURIAL AND GOOD MANAGERIAL SKILLS IN WORKING ENVIRONMENT

PERFORMANCE AREA	EXCELLENT (4)	VERY GOOD (3)	GOOD (2)	POOR (1)	WEIGHTAGE (%)	STANDARD	MARKS	
							S1	S2
Entrepreneur Strategy	Successfully develop a collaborative support system.	Almost success developed a local entrepreneurial support system.	Able to developed a local entrepreneurial support system	Has not developed a local entrepreneurial support system.	10	(/4)*10		
Accountability	Able to complete all pints on task that need to be completed on time to produce work according to proper procedures	Able to complete some points on tasks that need to be completed on time and able to produce work according to proper procedures	Able to complete minor on tasks that need to be completed on time and not able to produce work according to proper procedures	Unable to complete on tasks that need to be completed on time and unable to produce work according to proper procedures	10	(/4)*10		
Professional Managerial	Demonstrates mastery of public administration concepts, theories, terminology, and trends	Demonstrates adequate knowledge of public administration concepts, theories, terminology, and trends	Demonstrates poor knowledge of public administration concepts, theories, terminology, and trends	Makes serious mistakes when discussing public administration concepts, theories, terminology, and trends	10	(/4)*10		
Organization Managerial	Facilitates team assignment of responsibilities, ensuring that work is shared. Shows initiative and good organizational skills.	Takes responsibility when asked or elected, shows good organizational and leadership skills within the team.	Takes some responsibility for project. Shows leadership on certain aspects of the project	Does what is required but hesitates to or does not take leadership. OR Takes over the project entirely.	10	(/4)*10		
Communication Management	Language in presentation is appropriate and understood clearly by the audience.	Language in presentation is appropriate and understood by the audience.	Language in presentation is appropriate and not understood by the audience.	Language in presentation is not appropriate and not understood by the audience.	10	(/4)*10		
						TOTAL MARKS (50 marks)		

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