	DEPARTMEN	NT OF		SESSION	SESSION 1 202	3/2024
	INFORMAT	ION		COLIDER	DFP40233	
POLITEKNIK	TECHNOLOG	Y AND		COURSE	VISUAL BASIC	PROGRAMMING
TUANKU SYED SIRAJUDDIN	COMMUNICA	ATION	ASSESSMENT N	<b>NETHOD</b>	PROJECT 2	
	3.0 PROGRAN	л DESIG	N AND CODING			
TOPIC	4.0 INCORPO	RATING	<b>DATABASE WITH</b>	ADO.NET		
	5.0 EFFECTIVE	E AND S	ECURE CODING			
		PR	EPARED BY:	CHE	CKED BY:	APPROVED BY:
CLO		(Co	ırse Lecturer)	(Course	Coordinator/	(Head of Department/
				Head of	Programme)	Head of Programme)
CLO1: Construct the visua program by using .NET fra developing windows Appli (P4, PLO3)	meworks in	MAS abatan Tel Pelite Date:	ALLE MINTLAT	A Teknologi oftware and App batan Teknolog	Makismat (Teknologi C nlication Development i	AMMAD KHAIRUL AZAD BIN

# REGISTRATION NUMBER.: \_\_\_\_\_

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### Instruction:

Work in a development team that consists of 2 members to build an application based on the question below.

### Question:

Build an application that enables users to process applications. The applicant will fill in the required details and then will receive an output. The application based on criteria below. (CLO1, P4)

This project will be evaluated based on the following criteria:

- 1. Standalone applications using Visual Basic.NET and MySQL.
- 2. Build an appropriate forms and links so that CRUD features can be implemented. Validate all input from users.
- 3. Build appropriate code to make all users have at least 3 CRUD features.
- 4. Link with a database and have at least 5 records.
- 5. Username and password.
- 6. Construct an exception handling in your program.

## **Tools and Software:**

- a) Microsoft Visual Studio (any version)
- b) MySQL

# Submission:

- a) Presentation will be held during class—be prepared for your presentation!
- b) Submit your project's report during presentation according to the format as below;
  - i. Question's copy
  - ii. Answer: screenshot all interfaces and source code
  - iii. Conclusion / Comment

	DEPARTMENT OF	TOF	S	SESSION 1	SESSION 1 2023/2024	
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MALAYSIA TUANKU SYED SIRAJUDDIN			ASSESSMENT METHOD	IETHOD PROJECT 2	PROJECT 2 (SCHEME)	
TOPIC	3.0 PROGRAM DESIGN AND CODING 4.0 INCORPORATING DATABASE WITH ADO.NET 5.0 EFFECTIVE AND SECURE CODING	N AND CODING DATABASE WITH ADO ECURE CODING	).NET			
		PREPARED BY:		CHECKED BY:	APPROVED BY:	
CIO		(Course Lecturer)		(Course Coordinator/ Head of	(Head of Department/ Head of	
			P	Programme)	Programme	
CLO1 : Construct the visual basic program by using	program by using	A Talling	NOOR HALAW	NOOR HALAWATI BINTI CHE MEH	MUHAMMAD KHANGE EZAD BIN SULAIMAN	SULAIMAN
.NET frameworks in developing windows	indows	MAS QUE THE BINTI	ATON Diploma Tekndlogi I	Diploma Tekndlogi Maklumat (Teknologi Digital)	Jabatan Teknologi Maklumat dan Komunikasi Dariadagi Timbu Syad Siranddin	nunikası
Application: (1-1, 1-1, 2)		Teknon Maklumat da	S.	abatan Teknologi Maklumat dan Komunikasi Politeknik Tuanku Sved Siraiuddin Perlis	Politeknik Tualiku Syeu Sirajaas Parih, Putra 02600 Arau, Perlis	
		Pattonik Boye Sychologiuddin	Muddin Date: 8	899/2023	Date: <b>6/9/2013</b>	
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# ASSESSMENT RUBRIC:

Skills	Very Good	PooD	Fair	Poor	Very Poor	
Item / Marks	4	3	2		0	Marks
bac soutpour	Program produces	Program produces	Program produces	Program does not	Program does not	
Conferences and	correct answers or	correct answers	correct answers	produce correct	produce correct answers	
runctionality	appropriate	partially or appropriate	partially or	answers or appropriate	or appropriate results for	
	results for all inputs	results for most inputs	appropriate results for	results for	all inputs and not	
	tested and fully	and fully working.	half inputs and	most inputs and	working.	
	working.		working incorrect	working incorrect way.		
			way.			
Syntax	Program compiles and	Program compiles and	Program compiles,	Program compiles, but	Program does not	
	contains no evidence of	is free from major	but contains minimal	contains major errors	compile or (in a dynamic	
	misunderstanding or	syntactic	errors that signal	that signal	language)	
	misinterpreting the	misunderstandings, but	misunderstanding of	misunderstanding of	contains typographical	
	syntax of the language.	may contain non-	syntax	syntax	errors leading to	
		standard usage or			nndefined	
		superfluons			names.	
		elements.				

Logic	Program logic is	Program logic is mostly	Program logic is on	Program contains some	Program contains	
)	correct, with no known	correct, but may	the right track with no	conditions that specify	minimal conditions that	
	boundary errors, and	contain an occasional	infinite loops, but	the opposite of what is	specify the	
	no redundant or	boundary error or	shows no	required (less than vs.	opposite of what is	
	contradictory	redundant or	recognition of	greater than), confuse	required (less than vs.	•
	conditions.	contradictory	boundary conditions	Boolean AND/OR	greater than), confuse	
		conditions.		operators, or lead to	Boolean AND/OR	
				infinite loops.	operators, or lead to	
					infinite loops.	•
Clarity	Program contains	Program contains some	Program contains	Program contains	Program contains no	
-	appropriate	documentation on	some documentation	minimal documentation	documentation, or	-
-	documentation	major functions,	But has occasionally	but has occasionally	grossly misleading	
	for all major functions,	variables, or non-trivial	misleading	misleading indentation	indentation and	
	variables, or non-trivial	algorithms.	indentation and	and comment	comment	
	algorithms. Formatting,	Indentation, comment	comment			
	indentation, comment	and other				
	and other white space	formatting is				
	aids readability.	appropriate.				
Graphical User	Exceptionally attractive	Almost usable layout,	Moderately usable	Slightly usable layout,	Cluttered looking or	
Interface (GUI)	and usable layout. It is	but may appear busy or	layout, but may	but may appear busy or	confusing. It is often	
	easy to locate all	boring. It is easy to	appear busy or	boring. It is easy to	difficult to locate	
	important elements.	locate most of the	boring. It is easy to	locate most of the	important elements. Not	
	Organized material	important elements.	locate most of the	important elements.	user friendly.	
	effectively.		important elements.			
		21	TOTAL			