Faculty of Computing and Information Technology

Assignment

202505

Course Code   : **AMCS1113**
Course Title   : **Computer Architecture**

Students' Name & ID No. : Name: _____   ID. No.: _____

                                           Name: _____   ID. No.: _____

                                           Name: _____   ID. No.: _____

                                           Name: _____   ID. No.: _____

Programme:

Tutorial Group:

Lecturer:

Member Name	Signature	Contribution total sum = 100%	Part A 80%	Part B 20%	Total 100%
1) (leader)					
2)					
3)					
4)					

Comments:

Date of submission:

Assessment Rubrics

PART A: Program Development (80%)

Criteria		Poor	Average	Good
	Marks	0 - 3	4 - 7	8 - 10
Login & Logout Module	10	Module incomplete or missing; no proper user verification.	Basic login/logout functionality implemented with limited validation.	Fully functional login/logout with proper input validation and user control.
	Marks	0 - 3	4 - 7	8 - 10
Menu & Submenu Control Module	10	Menu unclear, not functional, or confusing navigation.	Basic menu with limited options and navigation; may lack submenu structure.	Clear, well-structured menu and submenu navigation with logical user control.
	Marks	0 - 3	4 - 7	8 - 10
Data Entry Module (Input Validation)	10	Data entry lacks validation; frequent errors or crashes with invalid input.	Data entry functional with some basic input validation; occasional issues with invalid data.	Complete data entry module with full input validation and user-friendly error messages.
	Marks	0 - 7	8 - 14	15 - 20
Calculation Module (Processing Functions)	20	Calculation logic incomplete or incorrect; wrong outputs. The system frequently fails to perform its intended functions. Many features are incomplete or do not work as expected.	Basic arithmetic calculations work but may contain minor errors or limited functions. The system performs most of its intended functions correctly. Some features may not be fully developed or occasionally do not work as intended	Complete and accurate arithmetic calculations implemented correctly. Multiple functions handled properly. The system fully performs all intended functions without errors. All features are complete and work as expected.
	Marks	0 - 3	4 - 7	8 - 10
Report/Output Module (Display)	10	Output unclear or incomplete; missing summaries or results.	Basic output shown but limited formatting or missing summary details.	Clear, complete output with summaries, reports, and properly formatted results.
	Marks	0 - 1	2 - 4	5
System Completeness (4 Functions Requirement)	5	Less than 4 distinct functions implemented.	At least 4 functions implemented but may be incomplete.	Full implementation of at least 4 distinct, fully functional modules as required.
	Marks	0 - 1	2 - 4	5
Input Validation & Error Checking (Global System)	5	Little to no input validation; system fails with invalid input.	Some input validation with minor issues handling invalid inputs.	Full input validation with appropriate error messages, preventing invalid entries.
	Marks	0 - 1	2 - 4	5
Confirmation for Actions (e.g. Exit Prompt)	5	No confirmation prompts provided; system exits abruptly.	Basic confirmation prompts provided but may not cover all actions.	Full confirmation prompts implemented for all key actions with clear instructions.
	Marks	0 - 1	2 - 4	5

Guidance Messages (User Prompts)	5	Lack of guidance; confusing prompts or missing instructions.	Some guidance provided but may not cover all input fields.	Clear and helpful guidance messages for each input and system action.

PART B: Report (20%)

Criteria		**Poor**	**Average**	**Good**
	Marks	0 - 1	2 - 3	4
Introduction (System Overview)	4	Incomplete or unclear system description. Lacks purpose or objectives.	Basic system description provided with some purpose and objectives.	Clear and concise system overview with well-defined purpose and objectives.
	Marks	0 - 1	2 - 3	4
System Modules (Explanation of Modules and Functions)	4	Modules/functions are not clearly identified or explained; major details missing.	Modules/functions identified with basic explanation; some minor details missing.	All modules and functions are clearly identified and well-explained with sufficient detail.
	Marks	0 - 1	2 - 3	4
System Guide (User Instructions)	4	Instructions unclear or incomplete; lacks logical steps.	Instructions provided but may lack clarity or consistency in steps.	Clear, logical, and easy-to-follow instructions for system operation.
	Marks	0 - 1	2 - 3	4
System Guide (Procedures)	4	Few or no step-by-step procedures included.	Step-by-step procedures provided but not comprehensive.	Complete and detailed step-by-step procedures for each function.
	Marks	0 - 1	2 - 3	4
System Guide (Screenshots with Annotations)	4	Few or no screenshots provided; lack of annotations.	Screenshots provided with minimal annotations or not fully relevant.	Relevant screenshots with clear, concise annotations illustrating key steps.