

## RUBRIC A

**CO1:** Analyze the limitations and challenges in mobile applications.

**CO2:** Construct a mobile application using selected software development environment.

**CO3:** Demonstrate ability to recognize and respect group member's attitude, act and belief

	CO		CRITERIA	LEVEL OF ACHIEVEMENT					WEIGHT	SCORE GAINED	MARK	MARKS GIVEN	
				0	1	2	3	4					5
INDIVIDUAL	CO1 (50%)	a	Detail introduction consist of limitations or challenges, and the aim of the project	No introduction No aim	Unclear description about domain/case Study Unclear aim	Partly description about domain/case Study & aim	Sufficient description about domain/case study & aim of the project	Satisfactory description about domain/case study & aim of the project,	Clear and satisfactory description about domain/case study & aim of the project	2	5	10	
		b	Problem including requirements, user specifications, ages, classification, and system business	No project requirement & problem	Unclear explanation and missing many of the system analysis elements & problem	Partly explanation and missing some of the system analysis elements & problem	Clear explanation and Missing some of the system analysis elements & problem	Partly explanation about system analysis (requirements, user specifications, ages, Classification, system business) & problem	Details explanation about system analysis (requirements, user Specifications, ages, classification, System business) & problem	2	5	10	
		c	Objectives ((at least 3 objectives)	No objectives of case study stated	Inconsistent with the objectives of case study. Unmeasurable. Too small.	Consistent with the objectives of case study. Unmeasurable. Too small.	Consistent with the objectives of case study. 2 objectives are unmeasurable.	Consistent with the objectives of case study. 1 objective is Unmeasurable.	Clear and measurable. Consistence with the objectives of case study.	1.2	5	6	
		d	Storyboard for each module (design through figma/canva/any suitable tools)	No storyboard	Storyboard is cluttered and unorganized	Storyboard is acceptable but missing the links between the activities	Storyboard is somewhat neat and fairly well organized but missing some of the activity's links.	Storyboard is somewhat neat and fairly well Organized with detail Explanation and clear links between the different activities.	Storyboard is clean, neat and very well organized with details explanation and clear links between the different activities.	3	5	15	
			Methodology (Agile or RAD)	No explanations	Missing explanation about the activities with Unsuitable sensors or bad database connections	Partly explanation about the activities but selected unsuitable sensors or bad Database connections	Clear explanation about the activities but selected Unsuitable sensors or bad database connections	Clear explanation about the activities and Database but selected unsuitable sensors	Clear explanation about the functions of each activity with Suitable sensors and correct database connections	1.2	5	6	
		e	Report structure	No content structure	Unclear description about the app and missing structure	Clear description about the app but Missing some structure	Clear description about the app but <b>incomplete</b> structure	Clear description about the app but <b>partly</b> structure	Clear description about the app with well organize	0.4	5	2	
			UI screenshots	No ui screenshots and description	Develop unsuitable ui screenshots	Ui screenshots with no descriptions	Ui screenshots with clear and very brief descriptions	Ui screenshots but with some missing/not complete descriptions	Ui screenshots with clear and complete Descriptions	1.4	5	7	
		f (i)	View/recycle or the view/grid view	No view/recycle or the view/grid view	Implementation wrong view/recycle or the view/grid view	Apply view/recycle or the view/grid view with error	Apply view/recycle or the view/grid view with improper design in emulator	Apply view/recycle or the view/grid view with proper design in emulator and minor error	Apply view/recycle or the view/grid view with proper design in emulator	0.8	5	4	
										TOTAL CO1		60	

	CO		CRITERIA		LEVEL OF ACHIEVEMENT					WEIGHT	SCORE GAINED	MARK	MARKS GIVEN
				0	1	2	3	4	5				
INDIVIDUAL	CO2 (37.5% )	f (ii)	At least One (1) Implicit and One (1) explicit intent	No Activity in application	One activity and Incomplete features / widgets functions	One activity and complete features / widgets functions	Two activities and Incomplete features / widgets Functions	Two activities and Sufficient provided features / widgets functions	Two activities and Satisfactory provided features / widgets Functions	0.4	5	2	
		f (iii)	Database Implementation: firebase (input, edit, delete, display	No Database implementation in the project	Database implementation has more than FOUR issues	Database implementation has THREE issues	Database implementation has TWO issues	Database implementation has ONE issue	Database implementation is functioning well	0.8	5	4	
		f (iv)	Sensor's implementation	No sensor implementation in the project	Sensor implementation has more than four Issues	Sensor implementation has three issues	Sensor implementation has two issues	Sensor implementation has one issue	Sensor implementation is functioning well	0.8	5	4	
		f (v)	Application activities-functions	No Activity in application	One activity and Incomplete features / widgets functions	Two activities and Incomplete features / widgets functions	Two activities and Incomplete partly features / widgets Functions	Two activities and Sufficient provided features / widgets functions	Two activities and Satisfactory provided features / widgets Functions	0.6	5	3	
		f (vi)	Syntax/semantic errors	The application is not working	The application has more than three errors (logic syntax error)	The application has three errors /logic syntax error)	The application has two errors ((logic syntax error)	The application has one error (logic syntax error)	The Application is working without any error (logic syntax error)	0.4	5	2	
										TOTAL CO2		15	
GROUP	CO3 (12.5% )	g	Rubric b: logbook (meeting record)	No logbook	Partly information of meeting records.	Simple information of meeting records (1 attempt meeting only).	Moderate information of meeting records. (2 attempt meeting only).	Sufficient information of meeting records. (3 attempt meeting only).	Detail information of meeting records. (more than 3 attempt meeting).	0.4	5	2	
			RUBRIC C: Peer Review (Contribution, Time Management, Group Effectiveness and Leadership)		Refer to Rubric C (fill-in by both students & lecturer)					0.6	5	3	
										TOTAL CO3		5	
										GRAND TOTAL		80	