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FACULTY OF SCIENCE AND TECHNOLOGY

COURSEWORK FOR THE
BIS(HONS) IN MOBILE COMPUTING WITH ENTERPRENEURSHIP; YEAR 2
BSC (HONS) SOFTWARE ENGINEERING; YEAR 2

ACADEMIC SESSION 2018; SEMESTER 2,3,4

MBC2014 / CSC2074: MOBILE APPLICATION DEVELOPMENT I / MOBILE APPLICATION DEVELOPMENT

DEADLINE: 20 Nov 2019

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INSTRUCTIONS TO CANDIDATES

- This assignment will contribute 20% to your final grade.

- This is an individual assignment

IMPORTANT
The University requires students to adhere to submission deadlines for any form of assessment. Penalties are applied in relation to unauthorized late submission of work.
- Coursework submitted after the deadline but within 1 week will be accepted for a maximum mark of 40%.   - Work handed in following the extension of 1 week after the original deadline will be regarded as a non-submission and marked zero.

[This paper contains ONE question printed on TWO pages]

Marking Scheme

Criteria	Reference Marks	Marks	Remarks
Features Ability to code a working app according to the given requirements/ instructions. Able to fulfil all the functionalities and align to the design.	10		
Coding A robust app that able to caters for all the scenarios and follow the best Android programming structure and practices.	5		
Creativity Ability to propose and create a useful and interesting app.	5		
TOTAL	20		

Task and Deliverables

You're required to submit the project source code (zip in one file) to the eLearn.

Question

You are required to propose, design and develop a standalone mobile application using the Android platform that has the similar feature as your criminalIntent application using the techniques you've learnt in this course. Write a short paragraph to describe your application.

The mobile application you should develop is an app that allows users to record a list of items, the details of the items should include the compulsory information such as title, date/time, a photo and any additional information related to the item.

The App should have a welcome page, an activity showing a list of the items, a detail view activity showing information of a selected item, and an activity that allows the addition of a new item.

The items information should be stored in the phone. A restart of the app will display all previously recorded entries. The use of DatePicker and TimePicker are required for the date and time entry, and the use of RecyclerView and ViewPager are recommended, though you may use other suitable techniques.