**SCHOOL OF COMPUTING (SOC)**

**DIPLOMA IN INFORMATION TECHNOLOGY**

**ST0511 – Android Development**

2021/2022 SEMESTER 2

ASSIGNMENT 1

**Instructions and Guidelines:**

1. The assignment must be submitted to the Blackboard by **26th Nov 2021, 5 pm**. The cover page should contain your Class, Admission Number(s) and Name(s) of all the group members.
2. In this assignment, you are required to work in a group of maximum 3 members.
3. Marks will be awarded separately for each student in the group, depending on his/her contribution to the assignment. The assignment will account for **30%** of your final grade*.*

4. You are required to present the assignment 1 during the practical lesson. The presentation will account for **10%** of your final grade*.* **If you are absent from the presentation, you will be awarded ZERO mark for the assignment.**

5. **No marks will be awarded**, if the work is copied or you have allowed others to copy your work.

6. **50% of marks** to be deducted for submission of assignment within **ONE** calendar day after the deadline. **No marks shall** be awarded for assignments submitted **more than one day** after the deadline.

Warning: Plagiarism means passing off as one's own the ideas, works, writings, etc., which belong to another person. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turning it in as your own, even if you would have the permission of that person. Plagiarism is a serious offence and disciplinary action will be taken against you. If you are guilty of plagiarism, you may fail all modules in the semester, or even be liable for expulsion.

**Item required for submission:**

**There are 3 files to submit:**

**File1 Name (jpg or equivalent): App\_Name\_Flow\_Class.zip**

**( e.g. MyAppName\_Flow\_DIT2B01.zip )**

**File2 Name (word doc): App\_Name\_Interpretation\_Class.zip**

**( e.g. MyAppName\_Interpretation\_DIT2B01.zip )**

**File3 Name (android studio project folder): App\_Name\_Class.zip**

**(e.g. MyAppName\_Studio\_DIT2B01.zip )**

**1. Description of File1**

This file contains the user interface (UI) flow diagram of your application. A sample is shown on Black Board.

**2. Description of File2**

This file contains a Word document that interprets the widgets used in the UI. **Every** widget used in the UI flow diagram **must** be interpreted as **Android** widgets. Widgets that are used on multiple screens need not be repeated.

In this document, state your contribution (page that you have design or other relevant information) in Assignment 1.

**3. Description of File3**

This is a zipped up Android Studio project folder that contains the project, which when run, shows the splash screen and the main screen of your application.

**MARKING SCHEME for MAPP**

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| **CA 01 – Mobile App Design & Development** |  |
| At least 5 well-designed UI Screens, including splash screen and submission of UI Flow Diagram complete with aesthetics. | 40% |
| Ability to correctly interpret designed UI components as Android widgets / components and submission of interpreted UI screens. | 35% |
| Ability to run Splash and Main Screen app on emulator or actual device without errors. | 5% |
| Innovative and creative application idea and UI design. | 20% |
| **TOTAL** | **100%** |

**3. How to submit**

You are to submit your assignments through e-learning@SP (BlackBoard) before the deadline specified in the beginning of this document.