

Component Name and Code:	Mobile Technologies (5N0580)
Assessment:	Skills Demo 1
Weighting/Marks:	10%

Teacher:	Ray O'Connor
Course(s):	SD
Issue Date: 1-12-2015	Deadline: 9-12-2015

Guidelines/Instructions to Candidates:

You are required to create a GUI design and layout for an app which

- comprises of 2 activities (Activity 1 which must contain an image, text and button, Activity 2 which performs the calculation below)
- you should use any images and dummy text to enhance your design while adhering to relevant design principles
- navigate from activity 1 to activity 2 using button click event and incorporate a transition of your choice
- allows the user input a principal(P), interest rate(i) and no of terms(t)
- outputs the amount to the user using the formula $A = P(1 + \frac{i}{100})^t$ *(as this is a prototype you may use dummy output)*

Required:

- Brief description of design principles considered in relation to GUI and layout
- Flow chart/wireframe diagram depicting intended navigation detailing any transitions/events implemented
- A professional looking prototype of the application allowing the user to navigate from one activity to the next
- A short evaluation document reviewing the effectiveness of the design in accordance with the user requirements and design principles prescribed by the device manufacturer

Assessment:

You must present the following in class to your teacher on or before deadline

Marks (scaled)

- | | |
|---|------|
| • printout of design principles document | 1, 2 |
| • printout of flowchart/wireframe diagram detailing transitions/events used | 1, 2 |
| • printout of screenshots of app activities with appropriate images and colour scheme | 1, 2 |
| • printout of details of navigation between activities | 1, 2 |
| • printout of evaluation document reviewing the effectiveness of the design | 1, 2 |

Total = 10 marks

DECLARATION: I _____, confirm that everything I submitted for assessment is my own original work.

Signed: _____

Date: _____