School of Computing, Creative Technologies and Engineering

Assessment Brief

**Course work assignment**

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| **Module name and CRN** | | | Developing Mobile Applications – 10763 – WIN - 201810 | | |
| **Module Leader** | | | Dr Ebbi Shaghouei | | |
| **Semester** | A | **Level** | 6 | **Approx. No of Students** | 50 |

**COMPONENT TITLE: Developing Mobile Applications**

**COMPONENT WEIGHTING: 100% of Module Marks**

**Interim Submission – 40%**

**Final Submission – 60%**

**HANDOUT DATE: January 2019**

**SUGGESTED STUDENT EFFORT: 75 hours**

**SUBMISSION DATE: Interim Submission – 25 March 2019**

**Final Submission – 6 May 2019**

**SUBMISSION INSTRUCTIONS: Interim Lab Test**

**Final VLE Upload and a Presentation.**

**Please note: *your final submission is not complete without a presentation. Should you fail to attend the presentation, a mark of zero will be recorded for your overall result.***

**FEEDBACK MECHANISM: Verbal in the Lab and typed via MyBeckett**

**LEARNING OUTCOMES ADDRESSED BY THIS COMPONENT:**

**Learning Outcome 1 -** To provide students with an understanding of mobile systems and developing for resource-constrained devices.

**Learning Outcome 2**

Deal with complex software issues systematically and creatively and showing originality.

**A. Lab Test – 40%**

A completed set of exercises found on the VLE will form the basis of the question in the lab test. The lab test will consist of a set of multiple choice and short answer questions.

**B. Design and Implement an Android App - 60%**

You are to design and build your own version of a “*Todo*” android application. The implementation should follow the practices adhered to and demonstrate the approach and the patterns implemented in the lab exercises.

The implemented use cases for the App should apply the concepts and practices learned from the lab exercises. Additional use cases covering more advanced topics will be presented during the delivery.

**Submission**

Android studio is used as the development environment. A zipped project folder should be submitted on MyBeckett.

In the submission comment box on MyBeckett, please include any Git repository address.

Please note, you are required to attend a presentation and a schedule with your individual time slot will be published on MyBeckett.

**Please also note, failure to attend the presentation will result in a zero mark, as your submission is deemed incomplete without a presentation.**

**MARKING SCHEME / CRITERIA**

**A. Lab Test – 40%**

Marks awarded are indicated with each question in the lab test.

**B. Design and Implement an Android App - 60%**

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| --- | --- | --- | --- |
| **70+%** | **60-69%** | **40 – 59%** | **0 – 39%** |
| - Additional to the previous categories, application to also include further topics agreed with your tutor | - Implementation of multiple provided use cases with dynamically built views using fragments  -Error free and robust implementation | - Partial implementation of a provided use case with activity and intent  . Rotation problem fix | - Poor attempt with little understanding in the presentation |

**REASSESSMENT AND DEFERRAL**

**COMPONENT TITLE: REASSESSMENT**

**COMPONENT WEIGHTING: 100% of Module Marks**

**HANDOUT DATE: January 2019**

**SUGGESTED STUDENT EFFORT: 75 hours**

**SUBMISSION DATE: First week of July 2019**

**SUBMISSION INSTRUCTIONS: VLE Upload and a Presentation.**

**Please note: your submission is not complete without a presentation. Should you fail to attend the presentation, Non Submission will be recorded for your overall result.**

**FEEDBACK MECHANISM: Verbal in the Demo and typed via MyBeckett**

**LEARNING OUTCOMES ADDRESSED BY THIS COMPONENT:**

**Learning Outcome 1 -** To provide students with an understanding of mobile systems and developing for resource-constrained devices.

**Learning Outcome 2 -** Deal with complex software issues systematically and creatively and showing originality.

For Deferral, the full set of marks is available and you should undertake the whole assessment.

For reassessment, marks are capped at 40% and as such you only need to undertake the Pass (40%) column in the marking scheme.

**NOTES:**

**The usual University penalties apply for late submission.**

**This is an individual assessment. Submission of an assessment indicates that you, as a student, have completed the assessment yourself and the work of others has been fully acknowledged and referenced.**

**By submitting this assessed work, you are declaring that you are fit to submit, and you will therefore not normally be eligible to submit a request for mitigation for this work.**

**If your result for this assessment is recorded as Non-Submission or your mark for this assessment and for the whole module is below 40%, you will have opportunity to take reassessment with a submission date of 21 May 2018 and your mark capped at 40% (see Reassessment information below). If you are granted deferral through the mitigation process, you may complete the reassessment with a full range of marks available.**

**If you fail to attend the demonstration at the scheduled date and time without agreed mitigation, you will be given one further opportunity to demonstrate your work (incurring a 5% late penalty) at a time scheduled by the module team. If you miss this second opportunity, your result will be recorded as Non-Submission. If your result is recorded as Non-Submission or your mark for this assessment and for the whole module is below 40%, you will have opportunity to take reassessment in w/c 21 May 2018 and your mark capped at 40% (see Reassessment information below). If you are granted deferral through the mitigation process, you may attend the reassessment demonstration with a full range of marks available.**

**For further information, please refer to your Course Handbook or University Assessment Regulations.**