

**Module: CDS302**

**Module Name:** Mobile Application Design

**Assignment Title:** An Investigation in to Mobile Usability.

**Hand Out Date:** 29/11/2018

**Submission Date:** 1 0 / 0 1 / 2 0 1 9

**Submission Method:** Electronic (Submit to Turing)

# Learning Outcomes Assessed:

**LO1 -** Examine and analyse the usability of mobile devices and different forms of interaction that technology provides.

# Brief:

You are to produce an investigation into mobile usability presented as a word report.

The report should target mobile devices, in particular phones and small tablet devices with a screen up to 7". These technologies should be used to enhance the user experience on a mobile device. Marks will be given for the investigation content and independent study.

For the investigation, you are to choose a topic on 'usability in the context of mobile computing'. Use the following list as a guide, but you should discuss your topic with your tutor to ensure suitability:

* Device Design
* External influence/environmental factors
* Design principles and user experience guidelines
* Touch and gestures
* Accessibility of mobile devices or software
* Frameworks and methods of evaluating usability

The chosen topic must be clearly identified at the start of your investigation (e.g. in the introduction). Within the chosen topic, you should define the scope of your investigation. For example, if you choose design principles you could scope the investigation to the Android platform, and discuss a select set of principles in reference to existing apps. Alternatively, if you choose touch and gesture you could scope the investigation to looking at how gestures are used in mobile gaming.

A topic and scope must be agreed between yourself and the tutor.

The investigation word count is 1500 words (the normal +/- 10% rule is applied to the word count) and must demonstrate your engagement with appropriate authoritative literature. You may wish to look at resources on the Academic Skills reading list for help in preparing your investigation.

Remember to appropriately and consistently cite all referenced material using the Harvard referencing system. How you choose to present the references is up to you (e.g. on a separate page or as popups), but the format chosen should remain consistent throughout. Be sure to include relevant reference list and bibliography as per the Harvard referencing standard.

CSD302 – Mobile Application - Assignment 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **A**  **70% and above** | **B**  **60% to 69%** | **C**  **50% to 59%** | **D**  **40% to 49%** | **E**  **30% to 39%** | **F**  **Less than 30%** |
| Research | Authoritative sources | Good independent | Evidence of | Some evidence of | Little or no | Work submitted, |
| and | have been used to | study with | appropriate | research | evidence of | but criteria for |
| independent | good effect | evidence of a | research having | undertaken, but | research | grade E has not |
| study 40% | demonstrating | good | been undertaken | may be limited to | undertaken and | been met |
| LO1 | excellent | understanding of | beyond the | sources on the | content not |  |
|  | understanding of | relevant issues, | sources identified | mobile reading | referenced |  |
|  | relevant issues, all | referencing has | on the module | list, some sources |  |  |
|  | sources referenced | been presented | reading list, | referenced but |  |  |
|  | correctly in a | clearly | demonstrating | primarily achieved |  |  |
|  | consistent style |  | adequate | through simple |  |  |
|  |  |  | understanding of | hyperlinks |  |  |
|  |  |  | relevant issues |  |  |  |
|  |  |  | with most sources |  |  |  |
|  |  |  | referenced |  |  |  |
| Investigation | Insightfully written | A detailed and | A context/scope | An appropriate | Limited attempt | Work submitted, |
| content | with high standard of | coherent report | has been defined | topic has been | with significant | but criteria for |
| 60% | English and shows in- | showing good | and has been | selected and | inaccuracies | grade E has not |
| LO1 | depth understanding | understanding | followed through | shows adequate |  | been met |
|  |  |  | showing sound | understanding |  |  |
|  |  |  | understanding but | with some minor |  |  |
|  |  |  | lacks detail | inaccuracies |  |  |

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